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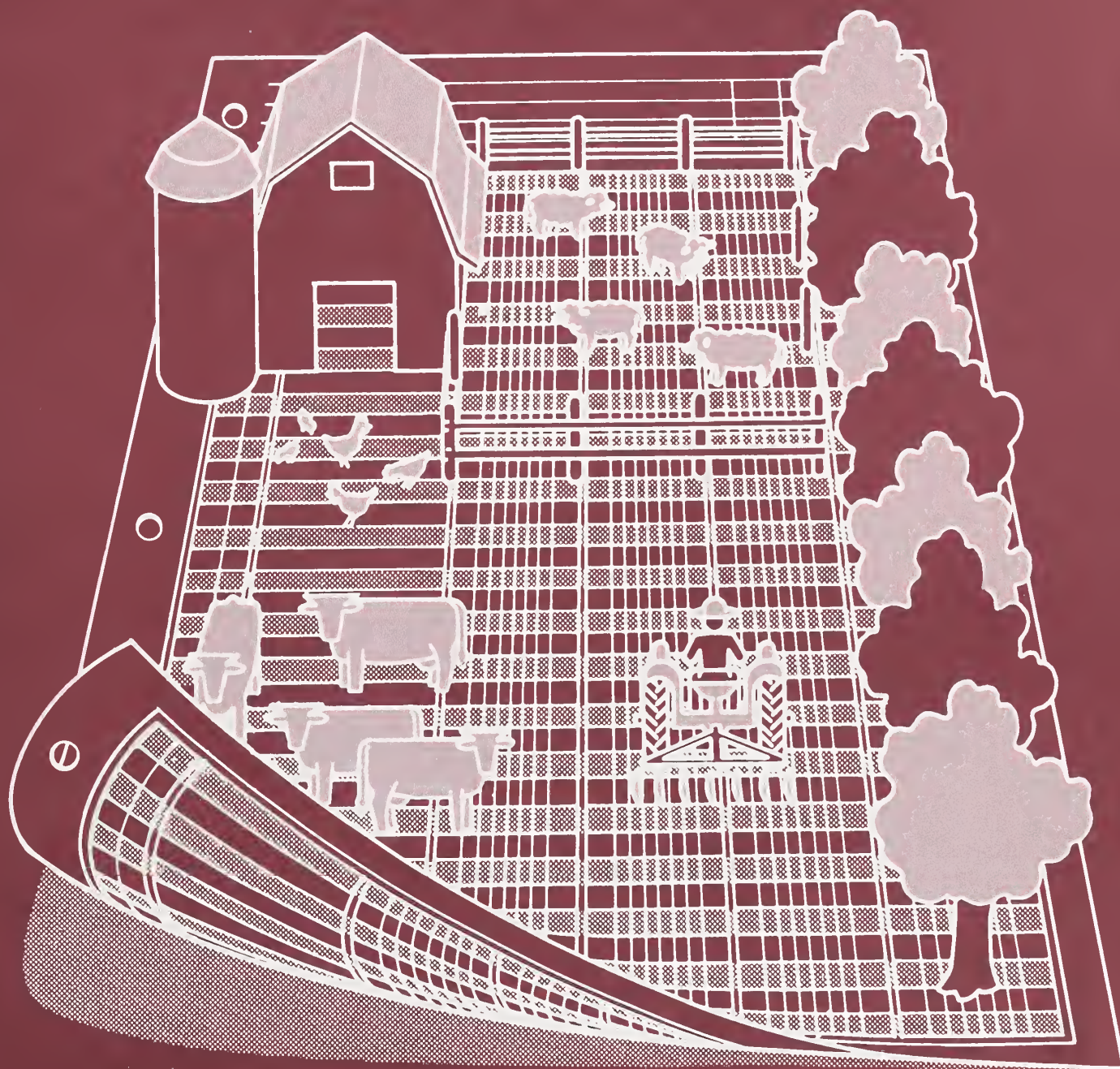
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Economic Indicators of the Farm Sector

National Financial Summary, 1989



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**Economic Indicators of the Farm Sector: National Financial Summary,
1989.** Agriculture and Rural Economy Division, Economic Research Service, U.S.
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Abstract

Net farm income rose 11.7 percent in 1989 to \$46.7 billion, while net cash income fell 6.0 percent to \$54.6 billion. Both income concepts reflect cash income minus expenses. But, unlike net cash income, net farm income takes into account noncash items, such as the value of change in inventories. Farmers rebuilt inventories by \$4.4 billion after drawing down inventories by a comparable amount in 1988, when they sold crop inventories at high market prices (triggered by severe drought in some States) in order to raise net cash income. Production expenses rose in nearly every category as farmers increased planted acres. The equity in farm assets rose in 1989 as the value of farm assets increased and debt fell.

Keywords: Net farm income, returns to operators, cash income from farming, production expenses, cash receipts, Government payments, farm assets, and farm debt.

Highlights

Net farm income rose 11.7 percent in 1989 to \$46.7 billion, while net cash income fell 6.0 percent to \$54.6 billion. Both income concepts reflect cash income minus expenses. But, unlike net cash income, net farm income takes into account additional noncash items, such as the value of change in inventories. Farmers rebuilt inventories by \$4.4 billion after drawing down inventories by a comparable amount in 1988, when they sold crop inventories at high market prices (triggered by severe drought in some States) in order to raise net cash income. Production expenses rose in nearly every category as farmers increased planted acres. The equity in farm assets rose in 1989 as the value of farm assets increased and debt fell.

Net cash income fell almost \$4 billion in 1989, reflecting the absence of a comparable amount of sales of commodities from inventories in 1988, a year of substantially lower production due to the drought. However, farmers maintained net cash income near the record high levels achieved in 1987 and 1988 of \$56 billion and \$58 billion, respectively. Gross cash income rose 4 percent but was more than offset by the 9-percent jump in cash expenses. Cash expenses increased across the board, led by double-digit percentage increases in property taxes, rent to landlords, and intermediate product expenses. The latter category includes such major expense categories as feed, fertilizer, fuels, pesticides, and seed.

U.S. agriculture in 1989 was in its fourth year of recovery from the farm recession experienced earlier in the decade. Farmers restructured their operations to control costs, and commodity prices rose. Both forces helped alleviate the price-cost squeeze on farm income earlier in the decade. The upward trend in expenses over the past couple of years reflects rising optimism among producers, who are stepping up production to take advantage of the more favorable earnings opportunities available.

The \$5-billion increase in net farm income was the result of a combination of three factors: (1) efforts by farmers to increase production, (2) improved crop yields due to a return to more typical weather patterns, and (3) higher prices received for most commodity groups. Farmers used a portion of the increased crop production to replenish inventories sold in prior years to take advantage of higher prices and maintain cash income.

Total farm production expenses rose 8 percent, led by substantial boosts in all major categories of purchased inputs including pesticides (up 29 percent), seed (14 percent), fertilizer (12 percent), and feed (10 percent). Prices paid for inputs were generally up, but farmers purchased larger quantities to increase production in response to higher commodity prices that existed early in the year when they were in the planning phases of their operations.

Total farm assets (excluding operator households) rose 4 percent to \$794 billion. Farm real estate values climbed 4 percent, continuing the increase started in 1987. The net worth of farm-asset owners rose for the third year in a row to \$658 billion. Farm debt (excluding operator households) declined to \$136 billion.

Preface

This report is one of five in the *Economic Indicators of the Farm Sector* series. Other segments are: *State Financial Summary*, *Production and Efficiency Statistics*, *Costs of Production--Major Field Crops*, and *Costs of Production--Livestock and Dairy*.

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Economic Indicators of the Farm Sector

National Financial Summary, 1989

Introduction

Most farm income and balance sheet statistics in this publication are for 1945-89, and are derived from five measures of farm income and two of the farm sector balance sheets. Dependence on any one measure would give a misleading picture of the financial farming conditions. Because there are differing concepts and definitions of income and equity, readers are urged to choose carefully the most appropriate measures of farm income for their purposes. For help in choosing the appropriate income measure, refer to illustration 1 and the following text. Capital gains and return on equity are also included in the publication. The cash income from farming and the balance sheet accounts are presented by the value of gross sales classes to allow readers to evaluate the economic conditions for different size farms. The reader may wish to read the handbooks on farm income and the balance sheet for more information on these accounts.¹

USDA defines a farm as any establishment that sells or normally would sell \$1,000 of agricultural products in a calendar year. The principal operator of a farm is defined as the individual making the largest number of the day-to-day management decisions of planting, purchasing, harvesting, and marketing. When partners share equally in the decisionmaking, the oldest partner is considered the principal operator. The operator category includes owner-operators, partners, tenants, paid and unpaid managers associated with corporate or institutional farms, and contractors that raise crops or livestock for a fee.

The net income accounts, net farm income, net cash income, net business income, and the farm production transactions account, do not represent income to the operator. Rather, the net income represents the income earned by the farm operation and accrues to a group of

individuals who share in the risks associated with production. These individuals are the owner-operators, partners, tenant-operators, shareholders in farming corporations, and contractors. Hired managers, although operators of farms, do not share in the net income proceeds because their salaries are treated as an expense in the hired labor account.

Concepts and Data Sources of Income Accounts

The organization and presentation of income and expenses of the farming sector is determined by the concept being measured. This publication presents statistical series for five major income concepts (see illustration 1): (1) net farm income, (2) net cash income, (3) net cash-flow, (4) net business income, and (5) farm production transactions. All of these income series are based on calendar years rather than crop years.

Net Farm Income

The oldest and most widely recognized series, net farm income, is an approximate measure of the net value of production during a calendar year. Net farm income includes all income and expenses, both cash and noncash, associated with the farm business and dwellings located on farms. Net farm income measures the economic profit from current-year production of commodities, whether or not sold from the producing establishment, and the net income generated by onfarm dwellings.

Gross farm income includes cash receipts from the sales of commodities, all other farm cash income (direct Government payments and other farm-related income earned from farm assets), noncash income (the value of home consumption and an imputed rental value for operator, hired laborer, and other farm dwellings), and the value of the change in inventory during the calendar year. Cash receipts from sales of agricultural commodities are the major component of gross income. In calculating cash receipts, we treat placements of commodities under Commodity Credit Corporation (CCC) loans as sales at the time the commodity is placed under loan because the producer can decide not to reclaim the commodity and keep the loan proceeds. If the producer decides to repurchase the commodity for

¹ The handbooks are *Major Statistical Series of the U.S. Department of Agriculture--Farm Income*, AH-671, Vol. 3, U.S. Dept. Agr., Econ. Res. Serv., Nov. 1988, and *Major Statistical Series of the U.S. Department of Agriculture--The Balance Sheet*, AH-671, Vol. 11, U.S. Dept. Agr., Econ. Res. Serv., May 1989.

Illustration 1--U.S. Department of Agriculture farm income series

Net farm income 1/	Net cash income 2/	Net business income 2/	Net cash-flow 2/	Production transactions 2/
Sum of:	Sum of:	Sum of:	Sum of:	Gross income:
Gross cash income	Gross cash income	Gross cash income	Gross cash income	Gross cash income
Cash receipts				
Direct Government payments				
Farm-related income				
Noncash income 1/				Noncash income 2/
Home consumption			Change in loans outstanding	Home consumption
Gross imputed rental value of all farm dwellings			Net rent to nonoperator landlords	Gross imputed rental value of hired laborer dwellings
Value of change in inventory			Change in other financial assets 3/	Value of change in inventory
Less:	Less:	Less:	Less:	Dispositions:
Cash expenses 1/	Cash expenses 2/	Cash expenses 2/	Cash expenses 2/	Nonfactor payments 2/
Intermediate products				Intermediate products
Taxes				Taxes
Interest				Capital consumption
Cash expenses for hired labor				Depreciation
Contract labor				Accidental damage
Net rent to non-operator landlords				Factor payments to nonoperators 2/
				Interest
				Cash expenses for hired labor
				Contract labor
				Perquisites to hired labor
				Net rent to nonoperator landlords
				Returns to operators
Capital consumption 1/	Capital consumption 2/	Capital consumption 2/	Capital expenditures 2/	
Depreciation	Depreciation	Depreciation		
Accidental damage	Accidental damage	Accidental damage		
Perquisites to hired labor				

1/ Includes income or expenses for farm operator dwellings. 2/ Excludes income or expenses for farm operator dwellings. 3/ Excludes operator households.

later resale, the payment to CCC is deducted from the commodity's value in an open market sale, and the difference is included in cash receipts in the year of redemption.

We adjust gross income to reflect changes in inventories to account for production that occurred during the year but remained unsold and unused at the end of the year. The inventory adjustment also offsets sales from inventories carried over from the previous year. Conceptually, the inventory adjustment represents the difference between additions to inventories from current-year production that remain unsold and unused as of December 31 and sales from production in the prior year that reduce inventories between January 1 and harvest. Depending on which is larger, the net effect can be positive or negative. Positive changes infer net additions to beginning-year inventory, and negative changes infer net drawdowns of beginning-year inventory. In most years, the inventory account principally reflects the year-to-year differences between the frequently volatile supply of crops and the more stable demand for crops. Livestock inventories are generally comparatively stable within multiyear cyclical trends.

We calculate the value of the change in inventory by determining the quantity change between January 1 and December 31 and valuing it at the calendar-year weighted market price. Due to a lack of reliable information regarding farmer-owned stocks stored both on farms and off, the quantity change in inventory, particularly for crops, is computed as total production less quantities sold and used on the farm where produced. We deduct the value of commodities such as feed and seed used or consumed on the farm where produced to avoid double-counting. The value of commodities used on the farm where produced is eventually reflected in gross income in home consumption or cash receipts.

The value of the change in inventory quantities differs from the change in the value of inventory. The change in the value of inventory equals the difference between the value of inventory at the beginning and at the end of the year, and is affected by changes in both quantities and prices. The concept used in the U.S. Department of Agriculture (USDA) income accounts eliminates the effects of changes in the value of inventory produced in previous years and the need for a price appropriate to an assumed disposition of the inventory at a point in time.

In addition to cash expenses, we include estimates of the value of in-kind perquisites to hired labor and capital consumption (depreciation and accidental damage). The depreciation provisions measure the replacement costs of assets used during a year, based on normal rates of wear and obsolescence.

USDA's net farm income measure is the basis for the U.S. Department of Commerce's (USDC) measures of net farm income to proprietors and corporations, which is a component of the National Income and Product Account (NIPA). USDC computes its own capital consumption figures based on different procedures and service lives rather than using USDA's figures. Both capital consumption estimates reflect the replacement value of capital items. USDC also subtracts Federal fines and salaries of corporate officers and adds monetary interest received by farm corporations to the USDA net farm income estimate.

Farm Production Transactions

The farm production transactions account measures the distribution of income from agricultural production to the factors of production: capital, labor, and management. Owners of the factors of production receive returns earned by the factors. Factor payments are divided between farm operators and nonoperators. Factor payments to nonoperators are expenditures made by farm operators for their use of the nonfarmers' capital, labor, and management. Returns to operators is the residual income generated by farm businesses after all nonfactor payments and payments to other factors of production are made.

The returns to operators, within the farm production transactions account, is similar to net farm income, with only one difference. The net farm income measures the net income generated from the farm business and the operator's onfarm dwelling, while the returns to operators category measures the net income generated by the farm business. The difference between the net farm income and the return to operator figures is the amount of net income attributed to the farm operator's dwelling. Both the gross income and expenses for these accounts differ only by the income or expense for the farm operator and other farm dwellings, although the expenses for the farm production transaction accounts are listed in a different sequence to show the returns to nonoperators. See illustration 2.

Net Cash Income and Net Cash-Flow

Net cash income and net cash-flow from farming exclude all noncash income, inventory adjustments, noncash expenses (capital consumption and perquisites to hired labor), and the income and expenses associated with operators' dwellings. Net cash income measures cash earnings that farmers receive in a calendar year from their farm businesses. Farmers use their net cash income from farming to purchase farm capital items, reduce farm debt, and meet family obligations. Farm operators have some choice over their level of net cash income from farming since they can choose whether to

Illustration 2--Difference between net farm income and returns to operators, 1989

Item	Net farm income (A)	Returns to operators (B)	Operator dwelling income (A minus B)
Million dollars			
Gross income	189,219	182,929	6,290
Gross cash income	177,457	177,457	NA
Cash receipts	159,173	159,173	NA
Government payments	10,887	10,887	NA
Farm-related income	7,397	7,397	NA
Noncash income	7,318	1,028	6,290
Home consumption	748	748	NA
Rental value of dwellings	6,570	280	6,290
Operator and other	6,290	NA	6,290
Hired labor	280	280	NA
Change in inventory	4,444	4,444	NA
Expenses	142,567	138,449	4,118
Cash expenses	124,810	122,813	1,997
Intermediate product	84,738	83,825	913
Farm origin	39,438	39,438	NA
Manufactured inputs	20,697	20,697	NA
Other	24,603	23,690	913
Repair and maintenance	7,794	7,240	554
Other miscellaneous	16,809	16,450	359
Taxes	5,328	4,822	506
Interest	15,123	14,545	578
Real estate	7,643	7,065	578
Nonreal estate	7,480	7,480	NA
Contract and hired labor	11,440	11,440	NA
Net rent to nonoperating landlords	8,181	8,181	NA
Noncash expenses	17,757	15,636	2,121
Depreciation	16,956	14,835	2,121
Accidental damage	354	354	NA
Perquisites to hired labor	447	447	NA
Net income	46,652	44,480	2,172
NA = not applicable.			

sell or store commodities and can defer or incur some farm expenses.

The net cash-flow account expands on the net cash income concept to account for internal and external sources and uses of funds by adding changes in the level of farm debt and farm operators' other financial assets to gross cash income and adding capital purchases to cash expenses. Because ERS analysts do not have measures of farm debt and capital purchases of farm operators, the net rent to nonoperator landlords is added to represent net cash income for both nonoperator landlords and farm operators. The resulting net cash-flow is unique among the farm income accounts because it measures

net income to nonfarm landlords and farm operators from farm businesses rather than net income to farm operators. Net cash-flow is an indicator of the financial position of farm businesses and their ability to meet current obligations.

Net Business Income

The net business income account provides a measure of income that is conceptually similar to the net income from farming reported to the Internal Revenue Service (IRS). IRS allows farmers to treat capital consumption (depreciation and accidental damage) as an expense item. The ERS net business income account is likewise computed by subtracting the sum of cash expenses and capital consumption from gross cash income or, alternatively, net cash income less capital consumption. It should be noted that taxable farm income reported on Schedule F to the IRS does not agree with USDA's measure of the farm sector's net business income because of several conceptual differences. One major difference is the treatment of depreciation. IRS allows farmers many choices regarding the parameters of the depreciation schedules, and farmers employ many variations for tax purposes. In contrast, the ERS depreciation account represents economic depreciation, which is defined as the decline in the present value of future earning capacity during the calendar year. Because economic depreciation is measured at replacement cost rather than original purchase price, the ERS depreciation estimates also indicate the amount that must be spent on capital items so that the end-of-year stock is capable of providing the same services as the beginning-of-year stock.

Off-Farm Income

Off-farm income is measured only for principal farm operators and their family members and includes only cash income. Off-farm income is the sum of cash income from nonfarm wages and salaries, nonfarm businesses and professional income, interest and dividends, retirement and disability income, royalties, wages and salaries earned on other farms, and other cash income.

Sales Class Distributions

Financial conditions vary greatly by the size of the farm. A customary way to measure farm size is according to the value of agricultural sales. This publication contains net cash income and its components by seven sales class categories (see table 29). Considerable care must be exercised in interpreting the averages computed on a per-farm or per-operation basis by sales class. Per-farm sales class statistics should not be interpreted as being per-farmer statistics, which would be lower if the number

of operators in each class could be determined and used as the divisor. Farms may have more than one operator and a farm operator may be involved in more than one farm. In the larger sales classes, a higher proportion of agricultural operations involves multiple operators who share in the risk of production activities. These operators conduct business under various legal arrangements, including corporations, partnerships, multifamily farms, and other multiple-interest operations. Under some operating arrangements, the definition of the "operator" may be difficult to ascertain and be of questionable benefit. For example, a feedlot operator may provide custom feeding services to a livestock investor. The investor/owner of the animal bears the production risks, while the (more traditionally defined) onsite operator controls the production facilities and provides a service under contract for a predetermined, risk-free fee.

Other Data Assessments

Data for the five income accounts are based on many sources that change over time based on improvements of methodologies and more available data. Some general comments can be made regarding sources of the current data base. Cash receipt data, by commodity, State, and month, are based on production data from USDA's National Agricultural Statistics Service (NASS). Inventory adjustment is also based on NASS data. Data on direct Government payments and CCC loans made and repaid come from USDA's Agricultural Stabilization and Conservation Service (ASCS). The *Census of Agriculture* (U.S. Department of Commerce) and USDA's Farm Costs and Returns Survey (FCRS) provide data used to compute the other gross income and production expense figures. Data from private industry and Government agencies are also used to estimate production expenses. The distributions of income and expense items, by value of agricultural sales classes, are based on the Farm Costs and Returns Survey, the *Census of Agriculture*, and the *1979 Farm Finance Survey*.

The *Census of Agriculture* is a reliable source of data but is available only every 5 years. Therefore, a benchmark-mover system is employed in accounts dependent on *Census of Agriculture* data. Under this system, we incorporate census data as they become available and move the census data according to the most appropriate annual data between census benchmarks. FCRS data are often the most appropriate and, usually, the only data available on an annual basis. We use the farm definition adopted by the *Census of Agriculture* in 1974, which includes places with actual or potential sales of agricultural products of \$1,000 or more. USDA began using this definition in the 1975 income series. The principal farm operator is defined as the

individual most directly responsible for the day-to-day management decisions of purchasing and marketing. When partners share equally in the decisionmaking, the oldest partner is considered the principal operator. The operator category includes owners and tenants as well as managers associated with corporate or institutional farms.

Overview of the 1989 Agricultural Sector

Net farm income rose 11.7 percent in 1989 and net cash income fell 6.0 percent as farmers increased production and replenished their inventories of crops. Crop receipts increased 5.7 percent and livestock receipts rose 6.2 percent. The value of inventory adjustment went from a \$4.1-billion sell-off in 1988 to a \$4.4-billion replenishment in 1989. Direct Government payments declined 25 percent and production expenses rose 8 percent. Production was up in 1989 for two reasons. First, crop yields were higher than those of the drought-reduced levels of 1988. Second, farmers put more resources into production to reap the benefits of higher prices. Farmers used a substantial portion of the production in 1989 to replenish crop inventories that were sold in 1988, when prices rose after the effects of the drought were realized. The placement of production in inventories was the major contributor to the divergence in net farm income and net cash income.

The farm sector balance sheet continued to improve in 1989, as farm equity increased for the third year in a row. The value of farm assets (excluding operator household) rose for the third consecutive year with a jump of \$30 billion, and outstanding debt (excluding operator household) declined \$2 billion. A further decrease in financial stress among many farmers with debt was mirrored in improved income-to-wealth ratios and other wealth measurements that reflect financial conditions in the sector (see table 11).

Income Accounts

Following are the highlights of the trends in the six major accounts.

Net Farm Income

Net farm income in 1989 was \$46.7 billion, up from \$41.8 billion in 1988. Gross farm income rose 8.8 percent (\$15.4 billion), and production expenses rose 8.0 percent (\$10.5 billion). Cash receipts from farm marketings rose \$9 billion, with a \$4.1-billion increase in crop receipts and a \$4.9-billion increase in livestock receipts. Crop producers increased production substantially from 1988, a drought year, used a portion (\$4.4 billion) to replenish inventories, and received \$3.6 billion less in direct

payments from the Government. Crops were marketed at prices that were stable or a little higher in 1989 as farmers continued to reap the benefits of the increase in crop prices that began in May 1988, when it became evident that the drought would be severe. The quantities and prices for livestock and livestock products were mostly unchanged from the previous year.

Farm Production Transactions

The returns-to-operators category, which differs from net farm income in the exclusion of all income and expenses related to operator dwellings, rose 11 percent to \$44.5 billion in 1989. Gross receipts of farms, which differ from gross farm income only by the exclusion of the imputed rental value of operators' dwellings, rose 9.3 percent (\$15.5 billion) to \$182.9 billion. Nonfactor payments increased 9.5 percent (\$9.0 billion), while factor payments increased 8.9 percent (\$6.5 billion).

Higher nonfactor payments resulted from increases in intermediate product expenses, particularly purchased feed, fertilizer, pesticides, and seed. Among factor payments, returns to operators and net rent to nonoperator landlords were both up at least 10 percent, while payments for interest and hired labor were relatively stable. The dominant force was the increase in returns received by operators (\$4.4 billion) for their factors of production (management, labor, and equity capital). The 16.6-percent higher payments in net rent received by nonoperator landlords was a reflection of the improving situation in farmland values.

Net Cash Income and Net Cash-Flow

Net cash income in 1989 was down 6.0 percent from the previous year. Gross cash income was up 4.1 percent but failed to offset a 9.4-percent rise in cash expenses. Expenditures rose as farmers, with the benefit of improved weather conditions, increased crop production. In particular, production of corn and soybeans was up 53 and 24 percent, respectively. Net cash income fell in 1989, however, because farmers chose to use \$4 billion of the year's production to rebuild inventories, which were depleted by a comparable amount in 1988.

Net cash income represents earnings that are available for principal repayment, capital purchases, and family living expenses. When droughts do not occur in 2 consecutive years, farmers are able to adjust inventories to stabilize their cash income despite the variability in production reflected in net farm income. The farm sector's liquidity and debt-servicing ability has improved since the mid-1980's because of increased net cash income from farming and lower levels of farm debt.

Net cash-flow declined 4 percent in 1989 following increases in excess of 20 percent in each of the 3 preceding years. In 1988, net cash-flow far surpassed its previous record set in 1979. Net cash-flow is the sum of net cash income, changes in loans outstanding, changes in holdings of other financial assets, and the net rent to nonoperator landlords, minus capital expenditures. A large reduction in the value of loans outstanding was the significant factor in the sharp decline of net cash-flow in 1985. The value of loans outstanding continued to decline through 1988 but at a slower rate, which contributed to a rise in net cash-flow. Total loans outstanding (excluding households and CCC) increased from 1954 to 1983. From 1984 to 1987, total loans sharply declined, then stabilized in 1988 and 1989.

The upward trend in net cash-flow since 1985 was due to a combination of rising net cash income and the fact that the value of loans outstanding was declining in smaller increments each year. Increases in loans outstanding add to cash-flow and vice versa, but the relative sizes of the changes also affect cash-flow. If recent declines in loans outstanding should slow, the amount of offset to the positive components of net cash income would be less each year, increasing the cash-flow from the previous year. In making year-to-year comparisons, the effects on cash-flow of declines in loans outstanding can be substantial.

Capital expenditures increased to \$13.0 billion, 17.3 percent above 1988, as farmers continued to show a cautious interest in purchasing equipment and facilities. The \$7-billion drop in spending on capital items since 1979 partially offset the large change in loans outstanding. The sector's cash-flow account tends to mirror the trend in farmland values. Land has been used as collateral for farm loans and when land appreciated in value before the 1980's, loans outstanding grew, often at a rapid rate. As farmland values declined in the early 1980's, although recently reversed, the farm loans outstanding fell.

Net Business Income

Net business income is a measure of farmers' earnings based on accounting methods that correspond to those used for tax purposes. Under the IRS's cash accounting method that is used by most farmers, income equals payments received less the sum of payments made and capital consumption. Net business income has recently tracked net cash income closely but at a lower level, reflecting the additional noncash deduction for capital consumption, which changed little until recently. In 1985, 1986, and 1987, net business income increased relative to net cash income as capital consumption decreased. In

1989, capital consumption rose slightly from the prior year, and net business income fell 9.3 percent compared with the 6.0-percent drop in net cash income.

Off-Farm Income of Principal Farm Operators

Off-farm cash income of principal farm operators and their household members in 1989 was \$57.5 billion, virtually unchanged from 1988. This income buffers to some extent the financial risks of farming by contributing to the improved liquidity and debt-service capability of the farm sector.

Balance Sheet Accounts

The balance sheet accounts can be used to assess wealth in the farm sector. They include assets, debt, and equity, where equity equals assets minus debt. Assets are valued at current market prices on December 31 of each year, or as close to December 31 as possible. We also estimate nominal and real capital gains on farm assets and debt, as well as the total rates of return on both assets and equity. Total rates of return include the rates of return on current income plus the rate of return on real capital gains. These financial measures provide useful indicators of farm sector profitability.

The balance sheet accounts contain one set of statistics that includes farm operator households' assets and debt and another set that excludes them. Both sets include operators' and landlords' shares of the assets and debt for the farming operation. The balance sheet account excluding operator households subtracts the value of the operator dwelling, the household portion of automobiles and trucks, household equipment, financial assets, and related debt on these assets from the balance sheet account including operator households. Debt is classified as either real estate or nonreal estate depending upon how the loan is secured. If the loan is secured by farm

real estate, then it is classified as real estate farm debt, regardless of how loan proceeds are used.

Assets, Debt, and Equity

Farm assets (excluding operator households) as of December 31, 1989, rose 4 percent from a year earlier to \$794 billion. Real estate assets rose 4 percent, and nonreal estate assets also rose 4 percent primarily due to increases in the values of livestock and poultry, with all nonreal estate categories increasing except purchased inputs. Total farm debt declined from \$138 billion to \$136 billion. Real estate debt fell to \$74 billion in 1989 from \$76 billion. Farm real estate debt fell for all categories of lenders except all operating banks and life insurance companies. Nonreal estate debt remained unchanged at \$62 billion. Reflecting the increase in farm asset values and the small decline in debt, equity in farm assets (excluding operator households) rose 5 percent to \$658 billion.

Debt-to-Asset Ratio

The debt-to-asset ratio provides insight into the collateral security of loans, the relative indebtedness of the farm business, and the amount of risk borne by lenders. The U.S. farm sector's debt-to-asset ratio (excluding operator households) declined during 1989 from 18.0 to 17.1.

Rates of Return

The total real rate of return on assets (excluding operator households) was 4.7 percent in 1989. The rate of return on assets from current income was 4.9 percent, and the rate of return from real capital gains was -0.1 percent. The total real rate of return on equity in 1989 was 4.4 percent. The rate of return on equity from current income was 3.7 percent, and the rate of return from real capital gains was 0.8 percent.

Improvements and Changes to the Accounts

Farm program changes in the mid-1980's have encouraged farmers to place and redeem CCC quantities within the same month. Restructured CCC loan rates, Payment-in-Kind (PIK) program benefits, and transferable certificates provide incentives for farmers to reduce their CCC commodity stocks. Farmers redeem their CCC commodities if they can achieve a financial gain in doing so. Farmers initiate redemptions when the market price is above the CCC loan rate, or they are offered additional benefits to redeem under other Government programs. In the latter situation, some of the benefits are reflected in Government payments. In either case, a separate accounting of CCC placements and redemptions ensures better quality cash receipts and inventory adjustment figures in the farm income accounts. ERS has begun this separate accounting effective with the year 1986.

This accounting change for CCC loans has resulted in substantial revisions to cash receipts. Because the calculation procedure for cash receipts and inventory adjustment are linked, substantial revisions were also made in the value of inventory adjustment. The revisions in cash receipts were nearly offset by revisions in inventory adjustment. Therefore, the CCC accounting change has had little effect on gross farm income and net farm income. In gross cash income and net cash income from farming, the procedural change has a significant impact since these measures do not reflect inventory adjustments, a noncash item, and thus contain no offset to changes in cash receipts.

Changes in Income and Expenses for Farm Dwellings

After 2 years of reviewing the conceptual basis and computational procedures for the gross imputed rental value of farm dwellings and the related dwelling expenses, analysts replaced the traditional procedure that was based on a user-cost concept with a procedure based on market-observed rents for housing for 1984-89. Now, the gross rent for farm dwellings is computed by

multiplying the ratio of gross rent to market value of dwellings for urban dwellings by the market value of farm dwellings.

This procedural change was necessary because the user-cost method, although conceptually correct, is difficult to implement empirically because the rate of return on equity must be specified. Before, analysts used the average farm mortgage interest rate on farm real estate as a proxy for the rate of return on equity. High inflation rates during the 1970's and high interest rates during the 1970's and early 1980's led to estimates derived from the user-cost procedure that were increasingly unjustifiable. By the late 1980's, the gross imputed rent for farm dwellings divided by the market value of farm dwellings reached more than 20 percent. In contrast, market-observed data on gross rents and values for urban housing yielded a gross rent-to-value ratio in the range of 7 percent. The misalignment of the gross imputed income from farm dwellings can be attributed primarily to an excessively high rate of depreciation and the use of a nominal rate of return to equity without an offsetting adjustment for capital gains. The misalignment during the mid-to-late 1980's would have been even greater, however, if the value of farm operator dwellings had not been substantially understated in the balance sheet.

Analysts significantly changed computational procedures for farm dwelling expenses starting with 1984. Depreciation rates for dwellings were lowered, and the computational procedure for depreciation was simplified. All other farm dwelling expenses (interest, property taxes, insurance, and repairs and maintenance) are now computed from the FCRS data beginning in 1984 when FCRS first started asking farmers to report the value of farm dwellings located on farms. Before 1984, ERS analysts estimated dwelling expenses by using ratios of dwelling value to either total farm real estate value or to building value and applying these ratios to total farm expenses. Data users wishing to do time series analysis by using the imputed rent series may wish to give consideration to the inconsistencies in the statistics before and after 1984. ERS analysts will review during 1991 the possibility for

extending the new computational procedures on farm dwelling gross rent and expenses for years before 1984.

New Data Sources and Adjustments

This publication contains many revisions in the farm income and expenses components for 1983-88. Most of the revisions resulted from the incorporation of the recently released *1987 Census of Agriculture* data and the adjustment for the undercount of farms in the annual FCRS. When census data are released, ERS analysts review all farm income items that use census data in their computational processes. Because the *Census of Agriculture* is conducted only once every 4 or 5 years, ERS analysts use census data as benchmarks and use data from other sources to move these benchmarks between census years. The last census benchmark is held constant until the arrival of new census data. When the 1987 census data became available, ERS analysts added new benchmarks for 1987 and interpolated between the 1982 and 1987 census benchmarks. Accounts depending on census data were revised from 1983-88.

On the income side, ERS analysts indirectly incorporate census data into marketings of farm commodities under cash receipts. The National Agricultural Statistics Service (NASS) revises many of its production figures using the 1987 census figures. ERS analysts use the NASS revised figures in the computational process for cash receipts. Revisions to cash receipts are usually minor because NASS price and production statistics are survey based. ERS analysts also incorporate the 1987 census data into the farm-related income accounts.

The incorporation of *1987 Census of Agriculture* data produced substantial revisions in the 1983-88 estimates for production expenses benchmarked to previous censuses: feed, seed, fertilizer and lime, pesticides, fuel and oil, electricity, and machine hire and customwork. The 1987 census also collected data on repair and maintenance expenses, property taxes, and cash rent to landlords (part of net rent to nonoperator landlords) for the first time. Benchmarking these

expenses to the census caused revisions in their estimates for 1987-88.

The estimates for expenses previously benchmarked to the 1982 census had been calculated: 1982 census divided by 1982 FCRS times the current-year FCRS. When results of the *1987 Census of Agriculture* were incorporated:

- the data became ERS 1987 expense figures;
- the 1988-89 ERS estimates were based on the 1987 census-to-1987 FCRS ratio;
- the census-to-FCRS ratios were interpolated between 1982 and 1987; and
- the interpolated ratios were used to compute ERS estimates for 1983-86.

ERS analysts expanded the 1982-89 FCRS data to represent expenses for all farms. This adjustment in FCRS data takes into account the difference in number of farms in the FCRS and the NASS June Enumerative Survey. Most of the underrepresentation in the FCRS is in the small-size farms. The increase from adjusting the FCRS estimates lowered the 1982 and 1987 census-to-FCRS ratios. As a result, ERS's figures that depend upon the census were revised upward or downward depending on whether the FCRS data for that year increased more or less than the FCRS results for 1982.

Off-Farm Income

The off-farm income figures for 1985-88 were revised upward because of the adjustment to the annual FCRS figures for the undercount of farms and the change in wording of the off-farm income question between the 1984 and 1985 FCRS. The sharp jump in the off-farm income figures between 1984 and 1985 is the result of improvements in measuring off-farm income of principal farm operators. See table 6 for more details.

Discontinued Accounts

Two accounts have been discontinued this year, the total cash income account and the net farm income account before inventory adjustment by value of sales class. The total cash income

account was dropped because the two components, net cash income and off-farm income, represent income for different populations. Net cash income represents income earned by a farm operation. Several families may share the proceeds from a single farm operation. Off-farm income represents income for the principal farm operator and his or her family.

The net farm income account before inventory adjustment by value of sales class was discontinued because this account did not measure any meaningful economic concept. Net farm income with the inventory adjustment measures the value of the farm sector's production during a calendar year. A satisfactory method of distributing inventory adjustment by sales class is not available. Without the inventory adjustment, neither the value of production nor cash income is measured.

Sales Class

The income tables by value of gross sales have been restructured and the lowest two sales classes, farms with \$5,000 to \$9,999 and less than \$5,000, have been combined. As noted earlier, the net farm income account by sales class has been discontinued due to the absence of data on inventory adjustment by sales class.

Approximately 25 benchmarks derived from the *1987 Census of Agriculture* have been incorporated into the income accounts by value of sales class for 1982-89. ERS analysts interpolated between the 1982 and 1987 census benchmarks using a better method of interpolation. Where possible, items used to distribute U.S. figures across the sales classes were improved. For example, ERS analysts last year had used the value of buildings in each sales class to distribute the building repair and maintenance expenses and the value of machinery to distribute machinery repair and maintenance expenses. The repair and maintenance expense question on the *1987 Census of Agriculture* allowed ERS analysts to use those data to distribute our figure on repair and maintenance.

Balance Sheet Changes

A number of changes have been incorporated into this year's balance sheet estimates. Benchmarks were updated using *1987 Census of Agriculture* data. Also, data from the FCRS and the *1988 Agricultural Economics and Land Ownership Survey* (AELOS), a follow-on survey to the *1987 Census of Agriculture*, have been incorporated into the procedures for allocating assets and debt by State and over the various sales classes. Significant revisions were made to total real estate values back to 1982 and to motor vehicles and other machinery inventory values back to 1978.

Inventory values of purchased inputs, based on the FCRS, have been added as an asset category. Since the FCRS is a survey of owner-operators, the data are adjusted to incorporate the landlord share as found in the 1988 AELOS. This data series starts in 1984, the first year of available data from FCRS.

Financial assets are now presented in only two categories, net worth of farm cooperatives and other financial assets, because the benchmarks used to subdivide the other financial assets are outdated. In accordance with the reorganization of the Farm Credit System, real estate debt of the Federal land banks is now included in Farm Credit System debt. Likewise, nonreal estate debt for the Production Credit Associations and Federal intermediate credit banks are now combined as Farm Credit System debt.

Building values (including values of dwellings and farm service structures) are now based on annual FCRS data for 1984-89, rather than estimated traditionally as a proportion of total farm real estate value. Adjustments are made to the FCRS data to fully account for the difference between FCRS's and USDA's number of farms and to incorporate the landlord share as estimated in the 1988 AELOS. The 1989 FCRS was designed so that the value of dwellings owned by farm operations can now be estimated separately for operator, hired labor, and other dwellings. Thus, the new category, other dwellings, was added to

the land and buildings table (table 47). The relationship between land and building values and other dwelling values was revised for 1984 forward. Compared to the previously used relationships based on *1979 Farm Finance Survey* data, the FCRS-based building values are a substantially larger proportion of total real estate values. Thus, there is a discontinuity in the building value series beginning in 1984. The relationship between land and farm building values is a high-priority research item within ERS for the next year. So, the values of dwellings, service structures, and land should be considered tentative and subject to change until

further analyses of related data sources are completed.

The effect of larger dwelling values for 1984-88 is also evident on the debt side of the balance sheet, where the difference between including and excluding household accounts has increased. The amount of real estate debt attributable to dwellings is a function of dwelling values. Larger dwelling values have led to larger estimates of the debt associated with the dwellings. This procedural change has caused a discontinuity between 1983 and 1984 in our real estate debt series.

Table 1--Summary of the farm sector's financial status, 1945-89 1/

Year	Number of farms	Net farm income 2/	Returns to operators	Net cash income	Net cash flow	Off-farm income 3/	Farm assets 4/	Farm debt 4/	Farm equity 4/
	1,000	-----Billion dollars-----							
1945	5,967	12.3	12.1	11.3	12.0	NA	102.1	7.6	94.5
1946	5,926	15.1	14.8	13.1	13.9	NA	116.1	8.3	107.7
1947	5,871	15.4	15.0	15.3	14.5	NA	127.1	9.2	118.0
1948	5,803	17.7	17.3	14.6	12.8	NA	132.9	10.2	122.7
1949	5,722	12.8	12.4	13.1	10.1	NA	130.3	10.7	119.6
1950	5,648	13.6	13.2	12.7	11.3	NA	152.9	12.3	140.7
1951	5,428	15.9	15.5	14.8	13.8	NA	169.7	14.1	155.6
1952	5,198	15.0	14.4	14.2	12.4	NA	166.4	14.9	151.5
1953	4,984	13.0	12.4	14.1	10.7	NA	162.4	14.6	147.8
1954	4,798	12.4	11.9	12.8	11.1	NA	167.0	15.5	151.5
1955	4,654	11.3	10.8	12.2	11.0	NA	172.5	17.0	155.5
1956	4,514	11.3	10.7	12.9	11.4	NA	181.7	17.8	163.9
1957	4,372	11.1	10.6	11.9	10.8	NA	191.0	19.2	171.8
1958	4,233	13.2	12.6	13.8	13.2	NA	206.4	21.2	185.2
1959	4,097	10.7	10.0	12.5	10.7	NA	210.3	23.7	186.6
1960	3,963	11.2	10.5	12.8	10.6	8.5	210.7	24.8	185.9
1961	3,825	12.0	11.2	13.7	12.7	9.2	218.8	26.7	192.1
1962	3,692	12.1	11.3	13.7	13.2	9.9	226.9	29.4	197.5
1963	3,572	11.8	11.0	13.6	13.0	11.0	235.0	32.5	202.5
1964	3,457	10.5	9.7	14.0	13.3	11.6	243.6	35.3	208.2
1965	3,356	12.9	12.1	14.7	14.8	12.7	261.0	39.3	221.7
1966	3,257	14.0	13.1	17.1	16.3	13.9	274.8	42.9	231.9
1967	3,162	12.3	11.4	15.1	13.2	14.5	288.2	46.0	242.2
1968	3,071	12.3	11.3	15.9	13.7	15.5	301.9	47.9	254.0
1969	3,000	14.3	13.2	18.1	16.6	16.6	312.7	50.5	262.2
1970	2,949	14.4	13.1	18.4	16.1	17.6	324.0	52.8	271.3
1971	2,902	15.0	13.7	18.0	17.9	19.1	350.3	57.5	292.8
1972	2,860	19.5	18.1	23.2	24.5	21.3	393.3	63.3	329.9
1973	2,823	34.4	32.8	36.0	39.7	24.7	478.3	72.9	405.5
1974	2,795	27.3	25.3	34.8	35.4	28.1	512.9	81.7	431.3
1975	2,521	25.5	23.2	29.6	30.5	23.9	579.2	91.5	487.7
1976	2,497	20.2	17.4	29.9	30.5	26.7	667.6	103.2	564.5
1977	2,456	19.9	16.5	27.9	31.1	26.1	736.3	118.9	617.4
1978	2,436	25.2	21.5	33.1	35.8	29.7	863.3	136.6	726.7
1979	2,437	27.4	23.0	33.4	43.8	33.8	1,000.1	162.5	837.6
1980	2,440	16.1	10.9	34.2	37.6	34.7	1,088.2	178.7	909.5
1981	2,440	26.9	20.5	32.8	37.8	35.8	1,088.4	195.4	893.0
1982	2,407	23.5	17.1	37.9	38.2	36.4	1,046.6	203.1	843.5
1983	2,379	15.3	9.4	39.5	35.4	37.0	1,056.4	206.5	850.0
1984	2,334	26.3	24.2	36.6	30.4	39.2	969.2	204.3	764.8
1985	2,293	31.0	29.0	47.9	31.9	55.2	885.8	187.9	697.9
1986	2,250	31.0	29.3	46.7	26.6	54.5	841.0	166.6	674.4
1987	2,213	41.3	39.6	56.1	39.5	56.9	886.8	153.7	733.1
1988	2,197	41.8	40.1	58.1	50.2	57.7	938.5	148.5	790.0
1989	2,171	46.7	44.5	54.6	48.0	57.5	972.2	146.0	826.3

NA = not available. 1/ See tables 3-6 for components of income accounts. It is inappropriate to divide the net income figures by the number of farms to measure the average net income received by farm operators. Proceeds from a farm operation may be shared by several families and a family may be involved in several farming operations. 2/ New computational procedures and data sources are used in deriving the gross imputed rental income and expenses related to farm dwellings for 1984 and later years. 3/ Off-farm income is computed only for the principal farm operator and his or her family. 4/ Includes operator households. See table 45 for components of balance sheet accounts.

Table 2--Summary of the farm sector's financial status (in 1982 dollars), 1945-89 1/

Year	Number of farms	Net farm income 2/	Returns to operators	Net cash income	Net cash flow	Off-farm income 3/	Farm assets 4/	Farm debt 4/	Farm equity 4/
	1,000	-----Billion dollars-----							
1945	5,967	78.4	77.1	72.2	76.6	NA	650.3	48.6	601.7
1946	5,926	77.7	76.0	67.4	71.9	NA	598.3	43.0	555.3
1947	5,871	69.5	67.9	69.4	65.4	NA	575.2	41.4	533.7
1948	5,803	74.8	73.3	61.8	54.2	NA	563.1	43.3	519.8
1949	5,722	54.4	52.7	55.9	43.1	NA	554.5	45.7	508.8
1950	5,648	57.1	55.3	53.3	47.4	NA	639.9	51.3	588.6
1951	5,428	63.5	61.7	58.9	55.1	NA	676.0	56.1	619.9
1952	5,198	58.7	56.5	55.9	48.6	NA	652.6	58.6	594.0
1953	4,984	50.1	47.9	54.5	41.3	NA	626.9	56.3	570.7
1954	4,798	47.0	45.1	48.6	42.1	NA	635.1	58.9	576.2
1955	4,654	41.6	39.7	44.8	40.3	NA	634.1	62.3	571.8
1956	4,514	40.0	38.2	45.9	40.4	NA	646.5	63.4	583.1
1957	4,372	38.1	36.3	41.0	37.0	NA	656.4	66.1	590.4
1958	4,233	44.3	42.4	46.5	44.3	NA	695.0	71.4	623.6
1959	4,097	35.2	33.1	41.2	35.1	NA	691.6	77.8	613.8
1960	3,963	36.3	34.0	41.4	34.4	27.4	682.0	80.4	601.6
1961	3,825	38.3	36.1	43.8	40.7	29.4	701.3	85.5	615.8
1962	3,692	37.8	35.5	42.9	41.5	31.0	711.4	92.2	619.3
1963	3,572	36.3	33.9	41.9	40.2	34.0	725.4	100.2	625.1
1964	3,457	31.9	29.5	42.4	40.4	35.4	740.3	107.3	633.0
1965	3,356	38.2	35.8	43.4	43.7	37.7	772.1	116.2	655.9
1966	3,257	39.9	37.4	48.7	46.7	39.7	785.0	122.6	662.5
1967	3,162	34.4	31.7	41.9	36.9	40.4	802.9	128.2	674.7
1968	3,071	32.7	30.0	42.2	36.2	41.0	800.8	127.1	673.7
1969	3,000	35.9	33.2	45.6	41.7	41.7	785.7	126.9	658.8
1970	2,949	34.2	31.3	43.7	38.3	41.9	771.5	125.6	645.9
1971	2,902	33.8	30.9	40.6	40.3	43.0	788.9	129.5	659.4
1972	2,860	41.8	38.9	49.8	52.6	45.7	845.7	136.2	709.6
1973	2,823	69.4	66.2	72.6	80.2	49.9	966.3	147.2	819.1
1974	2,795	50.5	46.8	64.5	65.6	52.1	949.9	151.2	798.6
1975	2,521	43.1	39.1	49.9	51.4	40.3	976.7	154.2	822.5
1976	2,497	32.0	27.5	47.4	48.3	42.3	1,058.0	163.5	894.5
1977	2,456	29.5	24.5	41.4	46.3	38.8	1,094.1	176.7	917.4
1978	2,436	34.9	29.8	45.9	49.6	41.1	1,195.6	189.2	1,006.5
1979	2,437	34.9	29.3	42.5	55.7	43.1	1,272.4	206.7	1,065.7
1980	2,440	18.8	12.7	39.9	43.9	40.5	1,269.8	208.5	1,061.2
1981	2,440	28.6	21.8	34.9	40.2	38.1	1,157.9	207.9	950.0
1982	2,407	23.5	17.1	37.9	38.2	36.4	1,046.6	203.1	843.5
1983	2,379	14.7	9.1	38.1	34.1	35.6	1,016.8	198.7	818.1
1984	2,334	24.5	22.4	33.9	28.3	36.4	899.9	189.7	710.2
1985	2,293	27.9	26.1	43.2	28.7	49.7	798.7	169.4	629.3
1986	2,250	27.3	25.8	41.1	23.4	47.9	739.0	146.4	592.6
1987	2,213	35.2	33.7	47.8	33.6	48.4	755.4	130.9	624.4
1988	2,197	34.4	33.0	47.9	41.4	47.6	773.7	122.5	651.3
1989	2,171	36.9	35.2	43.3	38.0	45.5	769.8	115.6	654.2

NA = not available. 1/ Deflated by GNP. See table 11 for GNP figures. See tables 3-6 for components of income accounts. It is inappropriate to divide the net income figures by the number of farms to measure the average net income received by farm operators. Proceeds from a farm operation may be shared by several families and a family may be involved in several farming operations. 2/ New computational procedures and data sources are used in deriving the gross imputed rental income and expenses related to farm dwellings for 1984 and later years. 3/ Off-farm income is computed only for the principal farm operator and his or her family. 4/ Includes operator households. See table 45 for components of balance sheet accounts.

Table 3--Net farm income, 1945-89 1/

	Gross farm income 2/				Expenses				
Year	Gross cash income	Value of inventory adjustment	Noncash income 3/	Total	Cash expenses 3/	Noncash expenses 3/	Total	Net farm income	
Million dollars									
1945	22,405	-439	3,408	25,374	11,405	1,657	13,062	12,312	
1946	25,574	29	3,965	29,568	12,934	1,566	14,500	15,068	
1947	29,934	-1,760	4,212	32,386	15,070	1,962	17,032	15,354	
1948	30,484	1,732	4,238	36,454	16,356	2,434	18,790	17,664	
1949	27,991	-866	3,638	30,763	15,229	2,753	17,982	12,781	
1950	28,764	812	3,527	33,103	16,430	3,025	19,455	13,648	
1951	33,186	1,184	3,912	38,282	18,839	3,509	22,348	15,934	
1952	32,873	922	3,956	37,751	19,119	3,671	22,790	14,961	
1953	31,298	-623	3,772	34,447	17,684	3,783	21,467	12,980	
1954	30,190	491	3,500	34,181	17,927	3,881	21,808	12,373	
1955	29,842	215	3,419	33,476	18,192	3,979	22,171	11,305	
1956	31,096	-456	3,319	33,959	18,708	3,997	22,705	11,254	
1957	30,898	618	3,271	34,787	19,513	4,190	23,703	11,084	
1958	34,766	825	3,366	38,957	21,503	4,287	25,790	13,167	
1959	34,556	14	3,320	37,890	22,630	4,546	27,176	10,714	
1960	34,958	397	3,233	38,588	22,734	4,642	27,376	11,212	
1961	36,898	336	3,312	40,546	23,880	4,710	28,590	11,956	
1962	38,471	620	3,251	42,342	25,417	4,862	30,279	12,063	
1963	39,458	629	3,281	43,368	26,560	5,038	31,598	11,770	
1964	39,840	-817	3,278	42,301	26,577	5,235	31,812	10,489	
1965	42,215	1,042	3,292	46,549	28,216	5,433	33,649	12,900	
1966	47,129	-83	3,423	50,469	30,806	5,701	36,507	13,962	
1967	46,379	657	3,483	50,519	32,094	6,087	38,181	12,338	
1968	48,166	124	3,557	51,847	33,019	6,505	39,524	12,323	
1969	52,531	99	3,776	56,406	35,226	6,888	42,114	14,292	
1970	54,768	6	4,044	58,818	37,211	7,241	44,452	14,366	
1971	56,503	1,397	4,219	62,119	39,353	7,754	47,107	15,012	
1972	65,683	861	4,602	71,146	43,430	8,259	51,689	19,457	
1973	90,242	3,406	5,262	98,910	55,211	9,342	64,553	34,357	
1974	93,726	-1,611	6,132	98,247	59,978	11,003	70,981	27,266	
1975	90,707	3,399	6,484	100,590	62,189	12,854	75,043	25,547	
1976	97,168	-1,548	7,297	102,917	68,396	14,345	82,741	20,176	
1977	99,275	1,080	8,411	108,766	72,793	16,091	88,884	19,882	
1978	117,283	1,892	9,272	128,447	85,768	17,482	103,250	25,197	
1979	135,143	4,975	10,602	150,720	103,398	19,906	123,304	27,416	
1980	143,296	-6,300	12,278	149,274	111,086	22,053	133,139	16,135	
1981	146,024	6,488	13,811	166,323	115,316	24,128	139,444	26,879	
1982	150,606	-1,382	14,250	163,474	115,138	24,817	139,955	23,519	
1983	150,552	-10,909	13,517	153,160	113,511	24,386	137,897	15,263	
1984	155,531	5,966	8,661	170,159	121,653	22,166	143,819	26,341	
1985	157,159	-2,269	8,022	162,912	111,788	20,138	131,926	30,986	
1986	151,990	-2,378	6,911	156,524	107,376	18,127	125,503	31,020	
1987	164,288	-2,773	7,459	168,973	110,713	16,980	127,693	41,280	
1988	170,388	-4,078	7,528	173,838	114,858	17,204	132,062	41,776	
1989	177,457	4,444	7,318	189,219	124,810	17,757	142,567	46,652	

1/ Net farm income measures the value of agricultural production for the calendar year. Components may not add to totals due to rounding. See tables 7-10 for components. 2/ In a change in the estimation procedures affecting both cash receipts and the value of inventory adjustments for those crops in the CCC loan programs, loan placements and redemptions are incorporated separately rather than the net difference. In recent years the Government has offered incentives that encourage loan redemption in the same year as placements. The change in procedure has little effect on gross farm income as the change to receipts and inventories within a year tend to be offsetting. 3/ New procedures and data sources are used in computing the gross imputed rental income and expenses related to farm dwellings for 1984 and later years. See footnotes to tables 8, 9, 10, and 25 for more details.

Table 4--Farm production transactions, 1945-89 1/

Year	Gross receipts of farms				Nonfactor payments			
	Gross	Value of	Noncash	Total	Intermediate	Capital	Property	Total
	cash	inventory	income		product	consumption	taxes	
	income 2/	adjustment	3/	(A)	expenses 4/	5/		(B)
Million dollars								
1945	22,405	-439	2,630	24,596	7,218	1,072	485	8,775
1946	25,574	29	2,951	28,554	8,032	931	539	9,502
1947	29,934	-1,760	3,074	31,248	9,725	1,237	644	11,606
1948	30,484	1,732	3,060	35,276	10,809	1,647	710	13,166
1949	27,991	-866	2,539	29,664	10,062	2,022	770	12,854
1950	28,764	812	2,347	31,923	10,984	2,301	810	14,095
1951	33,186	1,184	2,583	36,953	12,944	2,712	874	16,530
1952	32,873	922	2,486	36,281	13,056	2,911	913	16,880
1953	31,298	-623	2,269	32,944	11,894	3,029	943	15,866
1954	30,190	491	2,029	32,710	12,258	3,129	962	16,349
1955	29,842	215	1,905	31,962	12,464	3,219	1,018	16,701
1956	31,096	-456	1,816	32,456	12,796	3,269	1,057	17,122
1957	30,898	618	1,727	33,243	13,447	3,430	1,117	17,994
1958	34,766	825	1,755	37,346	15,038	3,530	1,162	19,730
1959	34,556	14	1,547	36,117	15,924	3,736	1,279	20,939
1960	34,958	397	1,393	36,748	15,632	3,773	1,373	20,778
1961	36,898	336	1,373	38,607	16,223	3,802	1,449	21,474
1962	38,471	620	1,258	40,349	17,348	3,915	1,514	22,777
1963	39,458	629	1,186	41,273	17,985	4,043	1,573	23,601
1964	39,840	-817	1,082	40,105	17,639	4,201	1,634	23,474
1965	42,215	1,042	1,047	44,304	18,675	4,360	1,707	24,742
1966	47,129	-83	1,052	48,098	20,639	4,626	1,830	27,095
1967	46,379	657	956	47,992	21,619	4,967	1,944	28,530
1968	48,166	124	933	49,223	21,887	5,348	2,110	29,345
1969	52,531	99	945	53,575	23,325	5,655	2,258	31,238
1970	54,768	6	995	55,769	24,782	5,890	2,383	33,055
1971	56,503	1,397	972	58,872	26,574	6,331	2,483	35,388
1972	65,683	861	1,115	67,659	29,060	6,721	2,588	38,369
1973	90,242	3,406	1,343	94,991	37,654	7,540	2,657	47,851
1974	93,726	-1,611	1,452	93,567	40,921	8,928	2,850	52,699
1975	90,707	3,399	1,318	95,424	41,977	10,604	2,956	55,537
1976	97,168	-1,548	1,355	96,975	46,588	11,794	3,239	61,621
1977	99,275	1,080	1,339	101,694	49,098	13,166	3,399	65,663
1978	117,283	1,892	1,369	120,544	59,300	14,348	3,344	76,992
1979	135,143	4,975	1,493	141,611	70,993	16,297	3,601	90,891
1980	143,296	-6,300	1,383	138,379	75,064	17,847	3,607	96,518
1981	146,024	6,488	1,361	153,873	75,624	19,612	3,942	99,178
1982	150,606	-1,382	1,302	150,526	72,276	20,148	3,776	96,200
1983	150,552	-10,909	1,220	140,863	72,314	19,918	3,815	96,047
1984	155,531	5,966	1,402	162,900	76,996	19,213	3,537	99,747
1985	157,159	-2,269	1,270	156,160	69,852	17,407	3,875	91,133
1986	151,990	-2,378	1,187	150,800	68,423	15,808	4,022	88,253
1987	164,288	-2,773	1,134	162,648	71,892	14,410	4,341	90,643
1988	170,388	-4,078	1,119	167,429	75,754	14,613	4,461	94,828
1989	177,457	4,444	1,028	182,929	83,825	15,189	4,822	103,836

See footnotes at end of table.

continued--

Table 4--Farm production transactions, 1945-89--continued

Year	Factor payments to nonoperators					Returns to operator	Total factor payments
	Interest		Contract and hired labor expenses 4/	Net rent received by nonoperator landlords	Subtotal excluding returns to operators (C)		
	Real estate	Nonreal estate					
D=(A-B-C)							
(C+D)							
Million dollars							
1945	187	169	2,299	1,064	3,719	12,102	15,821
1946	186	183	2,532	1,401	4,302	14,750	19,052
1947	192	214	2,783	1,455	4,644	14,998	19,642
1948	198	259	2,990	1,370	4,817	17,293	22,110
1949	208	296	2,806	1,107	4,417	12,393	16,810
1950	225	334	2,811	1,233	4,603	13,225	17,828
1951	250	401	2,921	1,368	4,940	15,483	20,423
1952	271	452	2,857	1,421	5,001	14,400	19,401
1953	297	432	2,736	1,214	4,679	12,399	17,078
1954	319	420	2,596	1,159	4,494	11,867	16,361
1955	349	442	2,615	1,057	4,463	10,798	15,261
1956	387	469	2,641	1,109	4,606	10,728	15,334
1957	424	499	2,734	1,029	4,686	10,563	15,249
1958	452	565	2,842	1,161	5,020	12,596	17,616
1959	498	650	2,905	1,077	5,130	10,048	15,178
1960	549	719	3,062	1,124	5,454	10,516	15,970
1961	606	741	3,192	1,346	5,885	11,248	17,133
1962	669	809	3,299	1,467	6,244	11,328	17,572
1963	749	905	3,400	1,623	6,677	10,995	17,672
1964	845	958	3,483	1,655	6,941	9,690	16,631
1965	958	1,028	3,603	1,886	7,475	12,087	19,562
1966	1,072	1,142	3,682	2,023	7,919	13,084	21,003
1967	1,189	1,271	3,723	1,882	8,065	11,397	19,462
1968	1,325	1,318	3,919	1,999	8,561	11,317	19,878
1969	1,468	1,434	4,151	2,061	9,114	13,223	22,337
1970	1,586	1,618	4,312	2,051	9,567	13,147	22,714
1971	1,718	1,659	4,342	2,028	9,747	13,737	23,484
1972	1,865	1,802	4,528	3,021	11,216	18,074	29,290
1973	2,155	2,278	5,154	4,780	14,367	32,773	47,140
1974	2,564	2,866	6,076	4,102	15,608	25,260	40,868
1975	3,006	3,069	6,586	4,024	16,685	23,202	39,887
1976	3,439	3,574	7,509	3,465	17,987	17,367	35,354
1977	3,943	4,203	7,953	3,412	19,511	16,520	36,031
1978	4,621	5,167	8,279	3,963	22,030	21,522	43,552
1979	5,666	6,868	8,981	6,182	27,697	23,023	50,720
1980	6,920	8,717	9,293	6,075	31,005	10,856	41,861
1981	8,396	10,722	8,931	6,184	34,233	20,462	54,695
1982	9,633	11,349	10,075	6,174	37,231	17,096	54,326
1983	9,947	10,615	9,725	5,110	35,397	9,419	44,816
1984	9,875	10,396	9,729	8,978	38,978	24,175	63,154
1985	9,080	8,735	9,799	8,435	36,049	28,977	65,027
1986	8,454	7,920	9,890	6,951	33,216	29,331	62,547
1987	7,354	7,305	10,821	6,964	32,444	39,560	72,005
1988	7,041	7,287	11,202	7,014	32,544	40,057	72,601
1989	7,065	7,480	11,887	8,181	34,612	44,481	79,093

1/ The production transactions account estimates the distribution of gross receipts to the factors of production. Returns to operators for their labor, management, land, and capital are calculated as the residual. 2/ See table 7. 3/ See table 8. 4/ See table 25. 5/ See table 10.

Table 5--Net cash income and net cash-flow from farming, 1945-89 1/

Year	Cash income 2/			Change in loans outstanding 3/			Net change in other financial assets 4/	Net rent received by non- operator landlords	Capital expenditures 5/	Net cash flow
	Gross cash income	Cash expenses	Net (A)	Real estate loans	Nonreal estate loans	Total (B)				
							(C)	(D)	(E)	(A+B+C-D-E)
Million dollars										
1945	22,405	11,075	11,330	-145	139	-6	1,192	1,064	1,560	12,020
1946	25,574	12,496	13,078	107	542	649	605	1,401	1,786	13,947
1947	29,934	14,604	15,330	133	597	730	-191	1,455	2,874	14,450
1948	30,484	15,904	14,580	185	783	968	-349	1,370	3,782	12,787
1949	27,991	14,861	13,130	231	207	438	-505	1,107	4,041	10,129
1950	28,764	16,037	12,727	480	906	1,387	6	1,233	4,032	11,321
1951	33,186	18,396	14,790	481	1,182	1,663	272	1,368	4,255	13,838
1952	32,873	18,625	14,248	506	260	766	-118	1,421	3,915	12,402
1953	31,298	17,187	14,111	443	-813	-371	-141	1,214	4,109	10,704
1954	30,190	17,414	12,776	467	363	831	-98	1,159	3,592	11,076
1955	29,842	17,666	12,176	688	667	1,355	-1	1,057	3,613	10,974
1956	31,096	18,185	12,911	729	46	775	-171	1,109	3,269	11,355
1957	30,898	18,973	11,925	522	798	1,320	-134	1,029	3,386	10,754
1958	34,766	20,944	13,822	664	1,190	1,854	308	1,161	3,991	13,154
1959	34,556	22,038	12,518	926	1,349	2,275	-670	1,077	4,529	10,671
1960	34,958	22,154	12,804	689	413	1,102	-400	1,124	4,003	10,627
1961	36,898	23,235	13,663	1,011	684	1,695	30	1,346	4,022	12,712
1962	38,471	24,774	13,697	1,170	1,364	2,534	12	1,467	4,473	13,237
1963	39,458	25,893	13,565	1,484	1,347	2,831	-140	1,623	4,846	13,033
1964	39,840	25,882	13,958	1,898	776	2,674	116	1,655	5,101	13,302
1965	42,215	27,535	14,680	2,074	1,588	3,662	118	1,886	5,566	14,780
1966	47,129	30,071	17,058	1,723	1,630	3,353	0	2,023	6,095	16,339
1967	46,379	31,322	15,057	1,924	1,067	2,992	146	1,882	6,834	13,243
1968	48,166	32,253	15,913	2,127	-400	1,727	174	1,999	6,148	13,665
1969	52,531	34,383	18,148	1,688	813	2,500	93	2,061	6,214	16,588
1970	54,768	36,395	18,373	1,090	1,243	2,333	124	2,051	6,793	16,088
1971	56,503	38,466	18,037	1,748	2,733	4,481	150	2,028	6,789	17,907
1972	65,683	42,514	23,169	2,750	2,719	5,469	291	3,021	7,480	24,470
1973	90,242	54,282	35,960	4,073	4,855	8,928	181	4,780	10,172	39,677
1974	93,726	58,916	34,810	4,700	3,521	8,221	-252	4,102	11,444	35,437
1975	90,707	61,118	29,589	4,554	4,606	9,160	73	4,024	12,384	30,462
1976	97,168	67,247	29,921	5,164	5,888	11,052	3	3,465	13,968	30,474
1977	99,275	71,410	27,865	7,949	6,840	14,790	88	3,412	15,015	31,140
1978	117,283	84,155	33,128	8,262	8,283	16,545	102	3,963	17,948	35,790
1979	135,143	101,730	33,413	12,997	11,154	24,151	147	6,182	20,075	43,818
1980	143,296	109,097	34,199	9,942	5,285	15,226	74	6,075	17,982	37,591
1981	146,024	113,244	32,780	9,041	6,461	15,503	202	6,184	16,846	37,823
1982	150,606	112,753	37,853	3,822	3,404	7,226	226	6,174	13,261	38,218
1983	150,552	111,013	39,539	2,297	892	3,189	289	5,110	12,739	35,388
1984	155,531	118,969	36,562	-2,026	-798	-2,824	249	8,978	12,521	30,445
1985	157,159	109,286	47,873	-6,353	-9,568	-15,921	658	8,435	9,186	31,859
1986	151,990	105,243	46,747	-8,746	-10,960	-19,706	1,067	6,951	8,460	26,599
1987	164,288	108,172	56,115	-7,742	-4,550	-12,292	-189	6,964	11,124	39,474
1988	170,388	112,270	58,118	-4,097	-278	-4,376	500	7,014	11,054	50,202
1989	177,457	122,812	54,645	-2,058	92	-1,966	67	8,181	12,966	47,960

1/ Net cash income measures the income from a farm operator's farm business and net cash flow measures the cash flow within the agricultural sector. Components may not add due to rounding. 2/ See tables 7 and 9 for components. 3/ See table 52 and 54 for components. Excludes operator households. 4/ See table 50 for components. Excludes operator households. 5/ See table 27 for components.

Table 6--Additional income measures, 1945-89

	Net business income 1/			Off-farm income of principal farm operator and family 2/
Year	Net cash income (A)	Capital consumption (B)	Total (A-B)	
Million dollars				
1945	11,330	1,072	10,258	NA
1946	13,078	931	12,147	NA
1947	15,330	1,237	14,093	NA
1948	14,580	1,647	12,933	NA
1949	13,130	2,022	11,108	NA
1950	12,727	2,301	10,426	NA
1951	14,790	2,712	12,078	NA
1952	14,248	2,911	11,337	NA
1953	14,111	3,029	11,082	NA
1954	12,776	3,129	9,647	NA
1955	12,176	3,219	8,957	NA
1956	12,911	3,269	9,642	NA
1957	11,925	3,430	8,495	NA
1958	13,822	3,530	10,292	NA
1959	12,518	3,736	8,782	NA
1960	12,804	3,773	9,031	8,482
1961	13,663	3,802	9,861	9,163
1962	13,697	3,915	9,782	9,904
1963	13,565	4,043	9,522	11,020
1964	13,958	4,201	9,757	11,637
1965	14,680	4,360	10,320	12,727
1966	17,058	4,626	12,432	13,882
1967	15,057	4,967	10,090	14,495
1968	15,913	5,348	10,565	15,466
1969	18,148	5,655	12,493	16,612
1970	18,373	5,890	12,483	17,617
1971	18,037	6,331	11,706	19,110
1972	23,169	6,721	16,448	21,265
1973	35,960	7,540	28,420	24,714
1974	34,810	8,928	25,882	28,135
1975	29,589	10,604	18,985	23,901
1976	29,921	11,794	18,127	26,681
1977	27,865	13,166	14,699	26,120
1978	33,128	14,348	18,780	29,704
1979	33,413	16,297	17,116	33,840
1980	34,199	17,847	16,352	34,694
1981	32,780	19,612	13,168	35,800
1982	37,853	20,148	17,705	36,428
1983	39,539	19,918	19,621	37,019
1984	36,562	19,213	17,349	39,179
1985 3/	47,873	17,407	30,466	55,160
1986	46,747	15,808	30,939	54,547
1987	56,115	14,410	41,705	56,856
1988	58,118	14,613	43,505	57,706
1989	54,645	15,189	39,456	57,498

NA = not available. 1/ This measure of income is conceptually consistent with the cash accounting method used by most farm operators; however, operators employ a variety of depreciation methods and assumptions about the useful lives of capital assets. 2/ Off-farm income should not be added to any of the farm income figures because off-farm income is reported only for the principal farm operators and their families while farm income is reported for all families sharing in the farm earnings. A farm may have more than one operator. 3/ The 1979 off-farm income was benchmarked to the 1979 Farm Finance Survey and 1984's figure benchmarked to the 1984 Farm Costs and Return Survey (FCRS). Both surveys asked farmers to report the dollar amount of their off-farm income. Estimates between 1979 and 1984 were derived by moving the 1979 figure forward using annual U.S. level percent changes in per capita personal income. Starting with 1985, the FCRS listed ranges for off-farm income and asked farmers to report the appropriate range. As the result of the change, more farmers reported their income.

Table 7--Gross cash income from farm sources, by major component, 1945-89

	Cash receipts 1/,2/					Other farm-related income				
Year	Livestock	Crops	Total	Government payments 3/	Machine hire and customwork	Forest products sales 1/	Other 4/	Total	Gross cash income	
Million dollars										
1945	12,008	9,655	21,663	742	NA	1/	NA	NA	22,405	
1946	13,786	11,016	24,802	772	NA	1/	NA	NA	25,574	
1947	16,527	13,093	29,620	314	NA	1/	NA	NA	29,934	
1948	17,129	13,098	30,227	257	NA	1/	NA	NA	30,484	
1949	15,409	12,396	27,805	186	NA	1/	NA	NA	27,991	
1950	16,105	12,356	28,461	283	20	1/	NA	20	28,764	
1951	19,619	13,239	32,858	286	42	1/	NA	42	33,186	
1952	18,238	14,290	32,528	275	70	1/	NA	70	32,873	
1953	16,923	14,078	31,001	213	84	1/	NA	84	31,298	
1954	16,276	13,556	29,832	257	101	1/	NA	101	30,190	
1955	15,967	13,523	29,490	229	123	1/	NA	123	29,842	
1956	16,363	14,038	30,401	554	141	1/	NA	141	31,096	
1957	17,376	12,338	29,714	1,015	169	1/	NA	169	30,898	
1958	19,227	14,229	33,456	1,088	222	1/	NA	222	34,766	
1959	18,904	14,743	33,647	682	227	1/	NA	227	34,556	
1960	18,989	15,023	34,012	703	243	1/	NA	243	34,958	
1961	19,513	15,650	35,163	1,493	242	1/	NA	242	36,898	
1962	20,158	16,310	36,468	1,746	257	1/	NA	257	38,471	
1963	20,047	17,430	37,477	1,696	285	1/	NA	285	39,458	
1964	19,947	17,378	37,325	2,179	295	1/	41	336	39,840	
1965	21,886	17,479	39,365	2,463	345	1/	42	387	42,215	
1966	25,027	18,409	43,436	3,277	372	1/	44	416	47,129	
1967	24,383	18,434	42,817	3,078	438	1/	46	484	46,379	
1968	25,487	18,696	44,183	3,463	472	1/	48	520	48,166	
1969	28,573	19,606	48,179	3,793	510	1/	50	559	52,531	
1970	29,532	20,977	50,509	3,717	494	1/	48	542	54,768	
1971	30,479	22,269	52,748	3,145	563	1/	47	610	56,503	
1972	35,583	25,523	61,106	3,962	569	1/	46	615	65,683	
1973	45,772	41,114	86,886	2,607	704	1/	45	749	90,242	
1974	41,326	51,065	92,391	530	628	1/	177	805	93,726	
1975	43,089	45,813	88,902	807	743	1/	255	998	90,707	
1976	46,323	49,032	95,355	734	746	1/	333	1,079	97,168	
1977	47,635	48,600	96,235	1,818	811	1/	411	1,222	99,275	
1978	59,162	53,198	112,360	3,030	638	769	486	1,893	117,283	
1979	69,236	62,293	131,529	1,376	740	931	567	2,238	135,143	
1980	67,991	71,746	139,737	1,285	655	974	645	2,274	143,296	
1981	69,151	72,465	141,616	1,933	712	1,040	723	2,475	146,024	
1982	70,258	72,303	142,562	3,492	687	1,080	2,785	4,552	150,606	
1983	69,606	67,165	136,770	9,296	477	1,188	2,821	4,486	150,552	
1984	72,895	69,889	142,784	8,431	566	1,377	2,373	4,316	155,531	
1985	69,822	74,293	144,114	7,705	779	1,405	3,155	5,340	157,159	
1986	71,539	63,658	135,197	11,814	503	1,540	2,937	4,980	151,990	
1987	76,010	65,643	141,653	16,747	765	1,918	3,204	5,887	164,288	
1988	78,821	71,372	150,192	14,480	682	1,940	3,094	5,716	170,388	
1989	83,724	75,449	159,173	10,887	804	2,110	4,483	7,397	177,457	

NA = not available. 1/ Forest products included in cash receipts prior to 1978 and in farm-related income thereafter. 2/ See tables 14 and 15. 3/ See table 24. 4/ Includes only recreational income through 1973. In 1974, includes recreational income, dividends from cooperatives, and all other farm-related income. In 1982, custom feeding fees were deleted from the net rent account and added to the other farm-related income category.

Table 8--Gross noncash income from farm sources, 1945-89

Year	Home consumption 1/			Gross imputed rental value of farm dwellings 2/		Gross noncash income 3/	
	Crops	Livestock	Total	Including operator dwellings	Excluding operator dwellings	Including operator dwellings	Excluding operator dwellings
	:	:	:	:	:	:	:
Million dollars							
1945	942	1,414	2,356	1,052	274	3,408	2,630
1946	993	1,669	2,662	1,303	289	3,965	2,951
1947	913	1,852	2,765	1,447	309	4,212	3,074
1948	879	1,854	2,733	1,505	327	4,238	3,060
1949	732	1,498	2,230	1,408	309	3,638	2,539
1950	690	1,373	2,063	1,464	284	3,527	2,347
1951	704	1,600	2,304	1,608	279	3,912	2,583
1952	743	1,477	2,220	1,736	266	3,956	2,486
1953	648	1,359	2,007	1,765	262	3,772	2,269
1954	590	1,199	1,789	1,711	240	3,500	2,029
1955	567	1,111	1,678	1,741	227	3,419	1,905
1956	541	1,044	1,585	1,734	231	3,319	1,816
1957	485	999	1,484	1,787	243	3,271	1,727
1958	494	1,011	1,505	1,861	250	3,366	1,755
1959	439	850	1,289	2,031	258	3,320	1,547
1960	348	787	1,135	2,098	258	3,233	1,393
1961	372	738	1,110	2,202	263	3,312	1,373
1962	325	668	993	2,258	265	3,251	1,258
1963	311	610	921	2,360	265	3,281	1,186
1964	286	549	835	2,443	247	3,278	1,082
1965	276	535	811	2,481	236	3,292	1,047
1966	251	573	824	2,599	228	3,423	1,052
1967	232	504	736	2,747	220	3,483	956
1968	225	494	719	2,838	214	3,557	933
1969	209	521	730	3,046	215	3,776	945
1970	230	546	776	3,268	219	4,044	995
1971	226	518	744	3,475	228	4,219	972
1972	251	638	889	3,713	226	4,602	1,115
1973	256	859	1,115	4,147	228	5,262	1,343
1974	273	917	1,190	4,942	262	6,132	1,452
1975	229	900	1,129	5,355	189	6,484	1,318
1976	229	953	1,182	6,115	173	7,297	1,355
1977	248	913	1,161	7,250	178	8,411	1,339
1978	247	968	1,215	8,057	154	9,272	1,369
1979	246	1,100	1,346	9,256	147	10,602	1,493
1980	244	989	1,233	11,045	150	12,278	1,383
1981	243	971	1,214	12,597	147	13,811	1,361
1982	242	887	1,129	13,121	173	14,250	1,302
1983	241	808	1,049	12,468	171	13,517	1,220
1984	240	777	1,017	7,644	385	8,661	1,402
1985	239	687	926	7,096	344	8,022	1,270
1986	239	639	878	6,033	309	6,911	1,187
1987	167	659	826	6,633	308	7,459	1,134
1988	164	646	810	6,718	309	7,528	1,119
1989	140	608	748	6,570	280	7,318	1,028

1/ Value of farm products consumed directly by farm households where produced. 2/ This imputed noncash income is included because farm dwellings are a component of farm assets, and farm businesses incur dwelling expenses. For 1983 and earlier years, imputed rent is computed by the user cost of capital approach. For 1984 and later years, market data on rents from the Residential Finance Survey and dwelling values from the Farm Costs and Returns Survey are used to compute the rental value of onfarm dwellings. 3/ Total excludes inventory adjustment.

Table 9--Cash production expenses, 1945-89 1/

Year	Intermediate product expenses 2/		Property taxes 2/		Interest 2/		Cash expenses for	Net rent received by non- operator landlords	Total cash expenses	
	Including operator dwelling	Excluding operator dwelling	Including operator dwelling	Excluding operator dwelling	Including operator dwelling	Excluding operator dwelling	contract and hired labor 3/		Including operator dwelling	Excluding operator dwelling
Million dollars										
1945	7,442	7,218	557	485	390	356	1,952	1,064	11,405	11,075
1946	8,359	8,032	617	539	402	369	2,155	1,401	12,934	12,496
1947	10,069	9,725	733	644	439	406	2,374	1,455	15,070	14,604
1948	11,131	10,809	806	710	491	457	2,558	1,370	16,356	15,904
1949	10,293	10,062	872	770	539	504	2,418	1,107	15,229	14,861
1950	11,229	10,984	919	810	598	559	2,451	1,233	16,430	16,037
1951	13,237	12,944	983	874	692	651	2,559	1,368	18,839	18,396
1952	13,383	13,056	1,033	913	770	723	2,512	1,421	19,119	18,625
1953	12,226	11,894	1,060	943	777	729	2,407	1,214	17,684	17,187
1954	12,597	12,258	1,084	962	791	739	2,296	1,159	17,927	17,414
1955	12,814	12,464	1,141	1,018	844	791	2,336	1,057	18,192	17,666
1956	13,143	12,796	1,178	1,057	911	856	2,367	1,109	18,708	18,185
1957	13,804	13,447	1,242	1,117	981	923	2,457	1,029	19,513	18,973
1958	15,384	15,038	1,306	1,162	1,086	1,017	2,566	1,161	21,503	20,944
1959	16,292	15,924	1,429	1,279	1,222	1,148	2,610	1,077	22,630	22,038
1960	15,977	15,632	1,529	1,373	1,347	1,268	2,757	1,124	22,734	22,154
1961	16,628	16,223	1,609	1,449	1,427	1,347	2,870	1,346	23,880	23,235
1962	17,738	17,348	1,677	1,514	1,568	1,478	2,967	1,467	25,417	24,774
1963	18,391	17,985	1,737	1,573	1,751	1,654	3,058	1,623	26,560	25,893
1964	18,063	17,639	1,798	1,634	1,910	1,803	3,151	1,655	26,577	25,882
1965	19,072	18,675	1,874	1,707	2,103	1,986	3,281	1,886	28,216	27,535
1966	21,076	20,639	2,002	1,830	2,340	2,214	3,365	2,023	30,806	30,071
1967	22,077	21,619	2,122	1,944	2,596	2,460	3,417	1,882	32,094	31,322
1968	22,318	21,887	2,298	2,110	2,790	2,643	3,614	1,999	33,019	32,253
1969	23,813	23,325	2,456	2,258	3,059	2,902	3,837	2,061	35,226	34,383
1970	25,208	24,782	2,596	2,383	3,381	3,204	3,975	2,051	37,211	36,395
1971	27,053	26,574	2,704	2,483	3,564	3,377	4,004	2,028	39,353	38,466
1972	29,547	29,060	2,815	2,588	3,869	3,667	4,178	3,021	43,430	42,514
1973	38,124	37,654	2,886	2,657	4,663	4,433	4,758	4,780	55,211	54,282
1974	41,468	40,921	3,096	2,850	5,699	5,430	5,613	4,102	59,978	58,916
1975	42,500	41,977	3,193	2,956	6,386	6,075	6,086	4,024	62,189	61,118
1976	47,139	46,588	3,491	3,239	7,359	7,013	6,942	3,465	68,396	67,247
1977	49,834	49,098	3,660	3,399	8,532	8,146	7,355	3,412	72,793	71,410
1978	60,215	59,300	3,603	3,344	10,227	9,788	7,760	3,963	85,768	84,155
1979	71,867	70,993	3,871	3,601	13,058	12,534	8,420	6,182	103,398	101,730
1980	76,145	75,064	3,891	3,607	16,261	15,637	8,714	6,075	111,086	109,097
1981	76,646	75,624	4,246	3,942	19,864	19,118	8,376	6,184	115,316	113,244
1982	73,539	72,276	4,050	3,776	21,830	20,982	9,545	6,174	115,138	112,753
1983	73,636	72,314	4,123	3,815	21,430	20,562	9,213	5,110	113,511	111,013
1984	78,173	76,996	4,186	3,537	21,129	20,271	9,186	8,978	121,653	118,969
1985	70,947	69,852	4,484	3,875	18,613	17,815	9,310	8,435	111,788	109,286
1986	69,352	68,423	4,549	4,022	17,052	16,375	9,473	6,951	107,376	105,243
1987	72,959	71,892	4,982	4,341	15,492	14,659	10,316	6,964	110,713	108,172
1988	76,869	75,754	5,090	4,461	15,172	14,328	10,714	7,014	114,858	112,270
1989	84,738	83,825	5,328	4,822	15,123	14,545	11,440	8,181	124,810	122,812

1/ See table 25. Components may not add due to rounding. 2/ Starting with 1984, data on operator dwelling expenses are derived from the Farm Costs and Returns Survey. 3/ Excludes cash expenses for insurance and retirement plans before 1978.

Table 10--Noncash production expenses, 1945-89

Year	Capital consumption 1/						Perqui- sites to hired labor 2/	Total noncash expenses	
	Depreciation 3/		Accidental damages		Total			Including operator dwellings	Excluding operator dwellings
	Including operator dwellings	Excluding operator dwellings	Including operator dwellings	Excluding operator dwellings	Including operator dwellings	Excluding operator dwellings			
Million dollars									
1945	1,222	1,032	88	40	1,310	1,072	347	1,657	1,419
1946	1,096	889	93	42	1,189	931	377	1,566	1,308
1947	1,432	1,167	121	70	1,553	1,237	409	1,962	1,646
1948	1,865	1,570	137	77	2,002	1,647	432	2,434	2,079
1949	2,250	1,961	115	61	2,365	2,022	388	2,753	2,410
1950	2,530	2,228	135	73	2,665	2,301	360	3,025	2,661
1951	2,937	2,597	210	115	3,147	2,712	362	3,509	3,074
1952	3,182	2,831	144	80	3,326	2,911	345	3,671	3,256
1953	3,300	2,941	154	88	3,454	3,029	329	3,783	3,358
1954	3,372	3,008	209	121	3,581	3,129	300	3,881	3,429
1955	3,460	3,078	240	141	3,700	3,219	279	3,979	3,498
1956	3,586	3,188	137	81	3,723	3,269	274	3,997	3,543
1957	3,738	3,327	175	103	3,913	3,430	277	4,190	3,707
1958	3,863	3,443	148	87	4,011	3,530	276	4,287	3,806
1959	4,093	3,643	158	93	4,251	3,736	295	4,546	4,031
1960	4,173	3,690	164	83	4,337	3,773	305	4,642	4,078
1961	4,225	3,720	163	82	4,388	3,802	322	4,710	4,124
1962	4,361	3,830	169	85	4,530	3,915	332	4,862	4,247
1963	4,502	3,946	194	97	4,696	4,043	342	5,038	4,385
1964	4,669	4,085	234	116	4,903	4,201	332	5,235	4,533
1965	4,867	4,239	244	121	5,111	4,360	322	5,433	4,682
1966	5,196	4,531	188	95	5,384	4,626	317	5,701	4,943
1967	5,569	4,861	212	106	5,781	4,967	306	6,087	5,273
1968	5,987	5,241	213	107	6,200	5,348	305	6,505	5,653
1969	6,312	5,524	262	131	6,574	5,655	314	6,888	5,969
1970	6,689	5,785	215	105	6,904	5,890	337	7,241	6,227
1971	7,192	6,222	224	109	7,416	6,331	338	7,754	6,669
1972	7,650	6,598	259	123	7,909	6,721	350	8,259	7,071
1973	8,622	7,389	324	151	8,946	7,540	396	9,342	7,936
1974	10,296	8,813	244	115	10,540	8,928	463	11,003	9,391
1975	12,021	10,450	333	154	12,354	10,604	500	12,854	11,104
1976	13,453	11,644	325	150	13,778	11,794	567	14,345	12,361
1977	15,175	13,020	318	146	15,493	13,166	598	16,091	13,764
1978	16,608	14,188	355	160	16,963	14,348	519	17,482	14,867
1979	18,940	16,117	405	180	19,345	16,297	561	19,906	16,858
1980	20,795	17,550	679	297	21,474	17,847	579	22,053	18,426
1981	22,818	19,281	755	331	23,573	19,612	555	24,128	20,167
1982	23,481	19,798	806	350	24,287	20,148	530	24,817	20,678
1983	22,990	19,535	883	383	23,873	19,918	513	24,386	20,431
1984	20,962	18,823	661	390	21,623	19,213	543	22,166	19,756
1985	19,020	17,031	628	376	19,648	17,407	490	20,138	17,897
1986	17,132	15,445	577	363	17,709	15,808	418	18,127	16,226
1987	15,885	14,052	590	358	16,475	14,410	505	16,980	14,915
1988	16,126	14,259	590	354	16,716	14,613	488	17,204	15,101
1989	16,718	14,835	592	354	17,310	15,189	447	17,757	15,636

1/ A new computational procedure for depreciation and accidental damage on operator dwellings was implemented for 1984 and later years. The revised depreciation rate is lower than the previous rate. 2/ Includes cash expenses for insurance and retirement plans before 1978. 3/ See table 28 for estimates by type of capital item.

Table 11--Financial indicators of the farm sector, 1945-89 1/

Year	Income ratios								
	Net farm	Net cash	Government	Cash	Operating	Cash	Interest	Interest	Times
	income	income	payments	receipts	expenses	expenses	expenses	expenses	
	to gross	to gross	to gross	to gross	to total	to total	to gross	to total	
	farm	cash farm	farm	farm	production	production	cash farm	production	
	income	income 2/	income	income	expenses	expenses	income	expenses	3/
-----Percent-----									
1945	48.5	50.6	2.9	85.4	74.6	87.3	1.7	3.0	34.0
1946	51.0	51.1	2.6	83.9	75.1	89.2	1.6	2.8	40.0
1947	47.4	51.2	1.0	91.5	75.5	88.5	1.5	2.6	37.6
1948	48.5	47.8	0.7	82.9	75.2	87.0	1.6	2.6	38.6
1949	41.5	46.9	0.6	90.4	72.8	84.7	1.9	3.0	26.3
1950	41.2	44.2	0.9	86.0	72.2	84.5	2.1	3.1	25.4
1951	41.6	44.6	0.7	85.8	72.3	84.3	2.1	3.1	25.4
1952	39.6	43.3	0.7	86.2	71.3	83.9	2.3	3.4	21.8
1953	37.7	45.1	0.6	90.0	69.7	82.4	2.5	3.6	19.1
1954	36.2	42.3	0.8	87.3	69.7	82.2	2.6	3.6	18.0
1955	33.8	40.8	0.7	88.1	69.6	82.1	2.8	3.8	15.7
1956	33.1	41.5	1.6	89.5	69.5	82.4	2.9	4.0	14.6
1957	31.9	38.6	2.9	85.4	69.8	82.3	3.2	4.1	13.6
1958	33.8	39.8	2.8	85.9	70.7	83.4	3.1	4.2	14.3
1959	28.3	36.2	1.8	88.8	70.6	83.3	3.5	4.5	10.9
1960	29.1	36.6	1.8	88.1	69.5	83.0	3.9	4.9	10.5
1961	29.5	37.0	3.7	86.7	69.3	83.5	3.9	5.0	10.5
1962	28.5	35.6	4.1	86.1	69.5	83.9	4.1	5.2	9.8
1963	27.1	34.4	3.9	86.4	69.0	84.1	4.4	5.5	8.7
1964	24.8	35.0	5.2	88.2	67.7	83.5	4.8	6.0	7.4
1965	27.7	34.8	5.3	84.6	67.4	83.9	5.0	6.2	8.0
1966	27.7	36.2	6.5	86.1	67.8	84.4	5.0	6.4	7.8
1967	24.4	32.5	6.1	84.8	67.6	84.1	5.6	6.8	6.6
1968	23.8	33.0	6.7	85.2	66.4	83.5	5.8	7.1	6.2
1969	25.3	34.5	6.7	85.4	66.4	83.6	5.8	7.3	6.5
1970	24.4	33.5	6.3	85.9	66.4	83.7	6.2	7.6	6.0
1971	24.2	31.9	5.1	84.9	66.6	83.5	6.3	7.6	6.0
1972	27.3	35.3	5.6	85.9	65.9	84.0	5.9	7.5	6.8
1973	34.7	39.8	2.6	87.8	67.0	85.5	5.2	7.2	9.0
1974	27.8	37.1	0.5	94.0	67.0	84.5	6.1	8.0	6.3
1975	25.4	32.6	0.8	88.4	65.4	82.9	7.0	8.5	5.5
1976	19.6	30.8	0.7	92.7	66.0	82.7	7.6	8.9	4.2
1977	18.3	28.1	1.7	88.5	65.0	81.9	8.6	9.6	3.8
1978	19.6	28.2	2.4	87.5	66.3	83.1	8.7	9.9	3.8
1979	18.2	24.7	0.9	87.3	65.6	83.9	9.7	10.6	3.4
1980	10.8	23.9	0.9	93.6	64.2	83.4	11.3	12.2	2.2
1981	16.2	22.4	1.2	85.1	61.4	82.7	13.6	14.2	2.6
1982	14.4	25.1	2.1	87.2	59.7	82.3	14.5	15.6	2.3
1983	10.0	26.3	6.1	89.3	60.5	82.3	14.2	15.5	1.9
1984	15.5	23.5	5.0	83.9	61.1	84.6	13.6	14.7	2.4
1985	19.0	30.5	4.7	88.5	61.2	84.7	11.8	14.1	2.9
1986	19.8	30.8	7.5	86.4	63.1	85.6	11.2	13.6	3.1
1987	24.4	34.2	9.9	83.8	65.6	86.7	9.4	12.1	4.0
1988	24.0	34.1	8.3	86.4	66.7	87.0	8.9	11.5	4.1
1989	24.7	30.8	5.8	84.1	67.8	87.5	8.5	10.6	4.4

See footnotes at end of table.

continued-

Table 11--Financial indicators of the farm sector, 1945-89 1/--continued

Year	Income/wealth ratios					Wealth ratios					Deflators	
	Financial : leverage ratio 4/	Net farm income : to equity	Net cash income : total debt 2/	Net cash income : equity 2/	Fixed asset turnover 5/	Debt to assets	Debt to equity	Real estate debts to real estate assets	Real estate debts to total debt	Real estate assets to total assets	GNP implicit price : price	Consumer price index
	Percent										1982=100	1982-84=100
1945	98.7	13.0	168.8	15.3	32.9	7.5	8.1	7.9	62.4	59.3	15.7	18.0
1946	102.6	14.0	177.7	15.5	33.5	7.2	7.7	7.1	58.7	59.2	19.4	19.5
1947	101.2	13.0	189.5	16.6	36.6	7.2	7.8	6.9	55.3	57.8	22.1	22.3
1948	103.4	14.4	161.0	15.2	35.1	7.7	8.3	7.0	51.8	57.2	23.6	24.1
1949	94.7	10.7	138.3	14.2	31.9	8.2	9.0	7.4	52.0	57.6	23.5	23.8
1950	98.9	9.7	116.9	11.5	27.6	8.0	8.7	6.9	50.0	58.2	23.9	24.1
1951	100.5	10.2	117.9	12.0	28.5	8.3	9.1	6.8	47.5	58.2	25.1	26.0
1952	97.5	9.9	107.0	11.9	27.7	9.0	9.9	7.3	48.6	60.1	25.5	26.5
1953	92.4	8.8	109.0	12.2	26.4	9.0	9.9	7.9	53.3	60.9	25.9	26.7
1954	91.5	8.2	92.8	10.8	24.6	9.3	10.2	8.1	53.5	61.4	26.3	26.9
1955	82.4	7.3	80.5	10.0	23.1	9.8	10.9	8.4	53.4	62.7	27.2	26.8
1956	81.5	6.9	81.2	10.0	22.3	9.8	10.9	8.5	55.3	63.9	28.1	27.2
1957	81.6	6.5	69.2	8.7	20.8	10.1	11.2	8.5	54.1	64.2	29.1	28.1
1958	92.7	7.1	72.5	9.3	21.8	10.3	11.4	8.5	52.4	63.7	29.7	28.9
1959	70.1	5.7	58.6	8.3	20.9	11.2	12.7	8.8	51.3	65.8	30.4	29.1
1960	78.7	6.0	57.0	8.4	21.0	11.8	13.4	9.2	51.8	66.3	30.9	29.6
1961	85.9	6.2	56.6	8.6	20.9	12.2	13.9	9.6	52.4	66.6	31.2	29.9
1962	84.7	6.1	51.3	8.4	20.8	13.0	14.9	10.1	51.8	66.8	31.9	30.2
1963	82.2	5.8	46.0	8.1	20.4	13.8	16.0	10.6	51.9	67.9	32.4	30.6
1964	74.8	5.0	43.4	8.1	19.3	14.5	17.0	11.2	53.6	69.3	32.9	31.0
1965	87.4	5.8	40.9	7.9	19.0	15.1	17.7	11.7	54.0	69.3	33.8	31.5
1966	89.1	6.0	43.5	8.7	19.9	15.6	18.5	12.1	53.9	69.4	35.0	32.4
1967	76.4	5.1	35.7	7.4	18.5	16.0	19.0	12.5	54.7	69.9	35.9	33.4
1968	70.8	4.9	36.2	7.4	18.2	15.9	18.9	13.1	57.5	69.9	37.7	34.8
1969	78.0	5.5	39.1	8.2	19.3	16.2	19.3	13.5	58.1	69.4	39.8	36.7
1970	73.2	5.3	37.7	8.0	19.5	16.3	19.4	13.6	57.8	69.3	42.0	38.8
1971	75.0	5.1	33.9	7.3	19.0	16.4	19.6	13.4	56.3	68.8	44.4	40.5
1972	88.4	5.9	39.5	8.2	19.8	16.1	19.2	13.2	55.8	68.3	46.5	41.8
1973	101.7	8.5	53.2	10.2	23.3	15.2	18.0	12.1	54.6	68.8	49.5	44.4
1974	86.8	6.3	45.9	9.3	21.8	15.9	18.9	12.2	55.0	72.0	54.0	49.3
1975	78.0	5.2	34.8	7.0	18.4	15.8	18.8	11.8	54.5	72.7	59.3	53.8
1976	47.6	3.6	31.1	6.1	16.7	15.5	18.3	11.1	53.7	74.9	63.1	56.9
1977	30.2	3.2	25.1	5.1	15.2	16.2	19.3	11.5	53.8	75.6	67.3	60.6
1978	50.0	3.5	26.0	5.2	15.3	15.8	18.8	11.1	53.3	76.0	72.2	65.2
1979	48.8	3.3	22.0	4.5	15.5	16.2	19.4	11.3	53.4	76.8	78.6	72.6
1980	-110.6	1.8	20.5	4.2	14.9	16.4	19.7	11.5	54.6	78.1	85.7	82.4
1981	-0.3	3.0	18.0	4.1	15.0	18.0	21.9	12.6	54.9	78.2	94.0	90.9
1982	-13.9	2.8	20.0	5.0	15.8	19.4	24.1	13.7	54.8	77.6	100.0	96.5
1983	-127.4	1.8	20.5	5.2	15.0	19.5	24.3	13.8	55.1	77.8	103.9	99.6
1984	17.4	3.4	19.3	5.9	17.4	21.1	26.7	15.4	55.0	75.1	107.7	103.9
1985	51.4	4.4	27.5	8.6	19.5	21.2	26.9	16.3	56.3	73.4	110.9	107.6
1986	50.1	4.6	30.3	8.7	19.5	19.8	24.7	15.8	57.5	72.1	113.8	109.6
1987	71.4	5.6	39.5	9.7	19.7	17.3	21.0	13.8	57.1	71.4	117.4	113.6
1988	70.0	5.3	42.2	9.3	20.0	15.8	18.8	12.5	55.8	70.9	121.3	118.3
1989	74.9	5.6	40.3	8.3	20.5	15.0	17.7	11.7	55.1	70.8	126.3	124.0

1/ Except where noted in footnote 2, all ratios include operator households. 2/ Excludes operator households. 3/ The ratio of the sum of net farm income, taxes paid, and interest paid, divided by interest paid. 4/ The financial leverage ratio is the rate of return to equity from current income divided by the rate of return to assets from current income. 5/ The ratio of cash receipts to the value of land, buildings, and machinery.

Table 12--Major net farm income components, by quarter, 1982-89 1/

Period	Gross farm income							Net farm income		
	Cash receipts			Value	Direct	Noncash	Total	Produc-	1982	
				of	Govern-	and other		tion		
	Livestock	Crops	Total	inventory	ment	farm-		expenses	Current	dollars
	and			adjust-	payments	related			dollars	3/
	products			ment	2/	income				
Billion dollars										
1982	70.3	72.3	142.6	-1.4	3.5	18.8	163.5	140.0	23.5	23.5
I	70.5	76.0	146.5	4.2	3.7	18.3	172.7	140.7	32.0	32.6
II	72.4	62.9	135.3	0.7	2.6	18.9	157.5	140.7	16.8	16.9
III	69.0	69.5	138.5	-3.4	2.4	19.1	156.6	139.9	16.7	16.5
IV	69.1	81.0	150.1	-7.2	5.3	19.0	167.2	138.6	28.6	28.2
1983	69.4	67.1	136.5	-10.9	9.3	18.0	152.9	140.4	12.5	12.0
I	70.9	74.2	145.1	-11.6	5.4	18.4	157.3	137.8	19.5	18.9
II	70.1	64.9	135.0	-13.3	7.1	18.1	146.9	140.9	6.0	5.6
III	68.6	74.7	143.3	-11.0	6.8	17.9	157.0	141.0	16.0	15.1
IV	68.2	54.8	123.0	-7.1	17.9	17.8	151.6	141.9	9.7	9.2
1984	73.0	69.5	142.5	6.3	8.4	17.8	175.0	142.7	32.3	29.9
I	75.4	63.0	138.4	2.5	18.9	17.9	177.7	143.9	33.8	31.6
II	72.8	71.1	143.9	7.9	2.5	17.9	172.2	144.3	27.9	24.4
III	72.2	72.8	145.0	8.4	3.1	17.8	174.3	142.3	32.0	31.2
IV	71.5	71.0	142.5	6.2	9.4	17.6	175.7	140.1	35.6	31.8
1985	69.8	74.3	144.1	-2.3	7.7	13.4	162.9	131.9	31.0	27.9
I	69.6	69.4	139.0	-6.2	12.3	13.2	158.3	133.8	24.5	22.3
II	69.9	67.7	137.6	-0.9	11.6	13.6	161.9	133.7	28.1	25.4
III	67.8	76.0	143.8	0.3	2.3	13.5	160.0	130.3	29.7	26.6
IV	72.1	84.1	156.2	-2.4	4.7	13.1	171.5	129.9	41.6	37.1
1986	71.5	63.7	135.2	-2.4	11.8	11.9	156.5	125.5	31.0	27.2
I	67.8	67.3	135.1	1.4	3.2	12.2	151.9	130.5	21.4	19.0
II	68.0	63.6	131.6	-2.1	25.6	11.7	166.9	126.8	40.1	35.4
III	76.4	57.9	134.3	-3.9	7.0	11.7	149.1	124.9	24.2	21.1
IV	73.9	65.9	139.8	-5.0	11.3	12.1	158.2	119.9	38.3	33.3
1987	76.0	65.6	141.7	-2.8	16.7	13.3	169.0	127.7	41.3	35.1
I	72.8	63.5	136.3	-3.9	23.5	12.9	168.7	123.7	45.0	38.7
II	77.3	62.5	139.8	-2.9	12.5	13.4	162.8	128.7	34.0	29.0
III	78.0	65.9	143.9	-2.2	7.4	13.6	162.7	129.3	33.4	28.3
IV	75.9	70.7	146.6	-2.1	23.6	13.5	181.7	129.0	52.7	44.4
1988	78.8	71.4	150.2	-4.1	14.5	13.2	173.8	132.1	41.8	34.4
I	78.1	66.3	144.4	-5.6	18.4	13.1	170.3	126.4	43.9	36.9
II	76.8	69.2	146.0	-4.9	21.6	13.0	175.7	130.5	45.1	37.4
III	79.2	75.7	154.9	-3.7	3.2	13.2	167.6	135.4	32.2	26.4
IV	81.2	74.2	155.4	-2.1	14.4	13.6	181.5	135.9	45.5	36.9
1989	83.7	75.4	159.2	4.4	10.9	14.7	189.2	142.6	46.7	36.9
I	81.6	72.1	153.7	3.8	18.9	14.4	190.9	142.5	48.4	38.8
II	80.8	76.5	157.4	4.9	12.4	14.8	189.2	143.3	46.2	36.7
III	83.6	80.3	163.9	4.8	2.2	14.9	186.1	143.4	42.7	33.7
IV	88.9	72.8	161.7	4.3	10.2	14.7	191.6	141.1	50.5	39.5

1/ Totals may not add due to rounding. Quarterly periods are seasonally adjusted at annual rates. 2/ Includes PIK entitlements disbursed during 1983 and 1984. 3/ Current dollars divided by the GNP implicit price deflator with 1982 = 100.

Table 13--Cash receipts from farm marketings, selected commodities, 1984-89 1/

Commodity	1984	1985	1986	1987	1988	1989
1,000 dollars						
All commodities	142,783,951	144,114,445	135,196,580	141,653,150	150,192,425	159,173,299
Livestock and products	72,895,061	69,821,819	71,538,600	76,009,919	78,820,816	83,724,179
Cattle and calves	30,588,895	29,002,305	28,865,105	33,583,296	36,201,465	36,675,896
Dairy products	17,931,425	18,054,865	17,723,533	17,726,646	17,641,375	19,400,666
Hogs	9,701,350	9,033,241	9,734,409	10,336,628	9,206,537	9,426,286
Broilers 2/	6,020,067	5,668,272	6,784,090	6,177,948	7,435,116	8,779,882
Farm chickens	169,526	151,683	127,734	111,827	95,350	139,966
Chicken eggs	4,110,488	3,262,192	3,542,859	3,209,289	3,066,845	3,853,972
Turkeys 2/	1,655,157	1,819,596	1,948,697	1,703,142	1,951,399	2,222,476
Sheep and lambs	459,901	514,439	481,267	558,065	475,781	489,312
Horses and mules	580,000	560,000	500,000	540,000	540,000	524,000
Aquaculture	145,430	204,604	229,500	289,872	324,150	336,476
Crops	69,888,890	74,292,626	63,657,980	65,643,231	71,371,609	75,449,120
Field crops	45,995,592	50,441,724	38,559,810	37,631,342	41,813,521	44,021,845
Rice	1,095,611	1,042,113	738,390	706,783	1,088,168	868,669
Rye	58,747	39,321	27,612	25,099	22,333	19,648
Wheat	8,576,204	7,909,063	4,975,434	5,047,639	6,353,966	7,184,794
Barley	1,086,539	1,038,891	834,853	754,132	865,397	749,768
Corn	10,909,183	16,879,679	12,314,756	9,923,758	9,006,068	11,116,421
Hay	2,363,265	2,389,688	2,246,327	2,499,456	3,059,136	3,406,982
Oats	309,972	298,283	177,928	257,187	290,321	235,347
Grain sorghum	1,468,746	1,980,742	1,331,549	1,103,050	1,080,436	1,143,336
Cotton lint	3,242,162	3,389,122	3,108,377	3,792,324	3,944,036	4,296,447
Cottonseed	432,084	297,380	262,811	396,811	602,395	443,741
Tobacco	2,812,570	2,698,546	1,921,000	1,825,827	1,960,001	2,380,942
Flaxseed	37,446	40,038	45,814	24,228	17,270	9,555
Peanuts	1,232,699	1,004,667	1,073,789	1,027,471	1,115,738	1,118,897
Soybeans	11,957,246	11,161,473	9,235,105	10,028,574	12,175,016	10,836,559
Sunflower/safflower	381,527	242,137	253,689	210,657	223,803	202,911
Vegetables and melons	9,151,841	8,571,814	8,849,103	9,889,447	9,753,854	11,339,510
Dry beans	344,900	439,058	436,621	444,040	421,353	696,980
Dry peas	15,743	12,981	42,585	36,641	46,451	50,509
Potatoes	1,920,908	1,601,253	1,377,302	1,707,248	1,625,320	2,288,165
Sweetpotatoes	166,354	142,656	141,638	133,144	141,751	132,602
Taro	1,382	1,573	1,462	1,676	1,904	1,996
Asparagus	116,462	137,476	136,969	135,704	146,435	149,749
Snap beans	165,943	166,723	150,309	170,583	166,353	228,156
Beets	1,579	1,683	1,442	1,679	1,580	1,767
Broccoli	237,884	239,345	239,739	239,548	292,240	276,050
Cabbage	172,665	120,767	105,736	104,132	70,147	77,050
Cauliflower	174,931	169,133	191,863	187,555	202,113	203,190
Carrots	247,920	206,429	334,617	248,303	292,862	317,186
Celery	228,457	189,527	211,065	198,833	230,762	268,266
Sweet corn	367,155	367,529	359,742	371,539	359,123	468,393
Cucumbers	160,137	181,476	170,072	187,808	195,714	203,195
Eggplant	11,478	9,951	12,885	12,939	13,531	14,216
Escarole	16,708	17,033	17,470	15,478	15,457	12,646
Lettuce	706,271	675,237	757,970	1,003,213	1,040,366	949,621
Onions	522,572	371,798	414,544	535,847	463,195	499,597
Green peas	117,265	137,857	93,781	98,614	73,166	119,963
Green peppers	113,033	104,788	116,511	181,626	103,361	121,315
Spinach	19,619	22,473	17,954	16,113	3,225	4,241
Tomatoes	1,239,586	1,198,246	1,264,914	1,465,832	1,415,288	1,824,014
Cantaloups	189,306	189,745	232,100	187,026	203,391	212,011
Honeydew melons	55,894	58,055	69,132	69,293	75,341	62,082
Watermelons	100,034	89,794	99,002	120,653	73,251	53,923

See footnotes at end of table.

continued--

Table 13--Cash receipts from farm marketings, selected commodities, 1984-89--continued 1/

Commodity	1984	1985	1986	1987	1988	1989
1,000 dollars						
Crops--continued						
Fruits and nuts	6,733,621	6,946,379	7,247,518	8,057,969	9,139,349	9,020,206
Grapefruits	294,103	319,160	355,817	407,654	471,401	391,623
Lemons	145,600	236,889	156,660	226,195	188,290	199,718
Limes	26,205	21,760	22,547	23,580	20,778	18,964
Oranges	1,358,778	1,404,301	1,184,492	1,363,227	1,772,926	1,813,806
Tangelos	26,676	26,555	18,401	28,115	35,203	29,870
Tangerines	47,602	63,123	59,335	76,885	91,556	80,147
Apples	951,214	892,446	927,286	1,060,113	1,108,846	1,124,501
Apricots	36,081	28,137	21,987	37,113	33,927	38,349
Avocados	107,051	138,896	163,250	120,168	212,217	213,877
Cherries	164,006	163,770	156,859	181,422	187,515	193,641
Dates	15,947	23,236	17,208	15,612	18,829	19,337
Figs	10,489	9,953	14,173	17,336	16,666	16,560
Grapes	983,265	960,515	1,177,269	1,361,843	1,595,768	1,717,876
Nectarines	57,779	68,723	75,720	65,545	78,861	79,290
Olives	50,712	54,336	66,231	42,188	50,199	65,191
Peaches	319,646	295,149	314,926	311,271	382,127	364,552
Pears	150,440	193,084	198,360	195,742	218,359	258,124
Pineapples	89,928	90,530	99,720	99,286	107,402	95,448
Plums and prunes	157,863	195,734	199,876	206,819	251,460	241,767
Pomegranates	2,010	5,529	7,666	5,617	6,454	4,667
Coffee	4,813	4,675	8,700	4,500	6,000	8,910
Bananas	2,670	2,472	2,910	3,386	4,257	4,070
Papayas	9,196	8,579	11,123	11,050	12,354	13,750
Kiwi fruit	17,729	16,667	24,102	18,886	22,420	26,565
Cranberries	180,940	189,959	165,086	147,798	186,353	175,256
Strawberries	413,253	450,819	503,641	554,178	536,121	520,151
Blueberries	28,916	43,396	42,132	54,512	72,428	56,609
Raspberries	17,890	18,993	25,232	25,281	25,248	31,442
Blackberries	12,485	17,340	17,956	13,849	13,298	10,623
Other berries 3/	99,184	104,067	109,436	113,105	128,278	138,038
Almonds	446,134	360,640	461,568	648,000	600,075	460,800
Filberts	8,190	16,596	10,967	20,902	14,082	11,018
Pecans	143,951	163,106	196,649	140,169	166,518	149,857
Walnuts	155,490	174,762	194,400	243,048	193,743	222,480
Macadamia nuts	26,088	30,450	35,200	35,868	40,950	40,950
Pistachios	61,838	37,127	83,888	45,347	114,680	64,350
Other crops	8,007,836	8,332,709	9,001,549	10,064,473	10,664,885	11,067,559
Sugarbeets	750,162	774,249	902,199	1,024,620	1,021,912	1,037,321
Sugarcane	727,950	716,964	742,152	807,832	859,729	884,428
Alfalfa seed	63,071	50,899	48,145	49,105	50,352	48,341
Bentgrass	2,795	5,704	5,755	7,731	10,992	15,655
Bluegrass-Kentucky	6,911	10,680	13,830	19,728	21,122	13,461
Crimson clover	3,278	2,339	1,710	1,754	2,549	2,929
Fescue	13,233	23,153	35,294	42,278	63,647	55,488
Orchardgrass	7,385	9,538	12,019	13,964	12,423	9,175
Red clover	5,883	7,762	7,102	6,283	7,686	7,987
Ryegrass	48,705	54,066	59,123	72,425	100,837	102,440
Sorghum Sudan crosses	9,000	10,000	6,000	6,000	8,000	8,000
Other seed	156,798	186,071	203,526	265,280	254,077	237,439
Hops	117,701	98,534	87,257	75,578	80,571	86,736
Mint	72,369	71,555	76,614	77,552	107,706	111,983
Other field crops	346,854	394,095	410,616	404,054	441,126	471,180
Maple products	18,169	18,470	16,249	16,128	23,458	23,455
Mushrooms	481,348	490,648	490,560	518,894	572,670	599,822
Greenhouse/nursery	5,175,509	5,407,382	5,883,052	6,655,163	6,968,695	7,294,622

1/ Includes Commodity Credit Corporation loans made minus loans repaid, but excludes loans liquidated (forfeited or charged off). Includes major commodity income estimates for which USDA publishes State production statistics, plus minor States for which production estimates are not published and minor commodities for which no production estimates are published. Adjustments are also made in "Other" categories for commodities for which publication may violate confidentiality rules. 2/ Includes value of home consumption. 3/ Includes all berries for which USDA does not estimate individual values of production.

Table 14--Cash receipts from farm marketings of livestock and products, 1945-89

Year	Cattle and calves	Hogs	Sheep and lambs	Dairy products	Broilers	Turkeys	Chicken eggs	Other poultry 1/	Other livestock 2/	Total 3/
Million dollars										
1945	3,318	2,263	319	3,021	1,004	241	1,518	54	270	12,008
1946	3,761	2,917	363	3,709	928	269	1,508	49	282	13,786
1947	4,967	3,926	402	4,013	870	238	1,813	36	262	16,527
1948	5,285	3,660	409	4,389	948	257	1,884	46	251	17,129
1949	4,849	3,125	351	3,748	939	256	1,857	58	226	15,409
1950	5,680	3,214	387	3,719	946	262	1,579	52	266	16,105
1951	7,005	3,889	466	4,254	1,137	341	2,062	65	400	19,619
1952	6,206	3,464	391	4,567	1,118	342	1,801	69	280	18,238
1953	4,878	3,483	317	4,366	1,136	321	2,073	72	277	16,923
1954	5,088	3,455	325	4,114	1,000	310	1,627	76	281	16,276
1955	5,245	2,694	316	4,217	1,070	325	1,777	52	271	15,967
1956	5,353	2,638	330	4,485	1,023	339	1,834	58	303	16,363
1957	5,944	3,062	330	4,628	1,024	314	1,682	56	336	17,376
1958	7,322	3,367	358	4,557	1,147	314	1,833	59	270	19,227
1959	7,834	2,784	334	4,604	1,045	345	1,545	56	357	18,904
1960	7,380	2,869	325	4,760	1,016	371	1,738	168	362	18,989
1961	7,560	3,152	297	4,932	947	356	1,750	159	360	19,513
1962	8,182	3,162	319	4,860	1,049	352	1,703	159	374	20,158
1963	8,113	3,033	312	4,861	1,063	377	1,747	157	383	20,047
1964	7,785	3,034	318	5,027	1,070	383	1,770	158	403	19,947
1965	8,942	3,608	329	5,038	1,217	421	1,785	160	387	21,886
1966	10,430	4,169	334	5,533	1,371	486	2,106	183	415	25,027
1967	10,550	3,809	302	5,742	1,223	460	1,765	175	358	24,383
1968	11,264	3,795	315	5,957	1,326	417	1,893	162	359	25,487
1969	12,572	4,742	343	6,196	1,531	454	2,212	180	343	28,573
1970	13,633	4,478	334	6,527	1,464	499	2,109	177	313	29,532
1971	14,986	4,112	323	6,812	1,494	501	1,782	175	294	30,479
1972	18,237	5,317	354	7,136	1,647	539	1,800	197	359	35,583
1973	22,336	7,529	390	8,090	2,739	936	2,947	288	517	45,772
1974	17,844	6,947	369	9,454	2,456	679	2,854	230	493	41,326
1975	17,520	7,916	386	9,923	2,953	794	2,814	250	534	43,089
1976	19,294	7,488	393	11,428	2,918	825	3,135	277	565	46,323
1977	20,225	7,281	386	11,752	3,103	910	2,919	280	778	47,635
1978	28,248	8,754	453	12,724	3,715	1,156	2,939	300	873	59,162
1979	35,025	9,058	470	14,642	4,026	1,216	3,329	352	1,117	69,236
1980	31,819	8,943	471	16,365	4,303	1,273	3,247	337	1,233	67,991
1981	29,538	9,794	416	18,095	4,646	1,248	3,648	407	1,358	69,151
1982	29,813	10,659	445	18,234	4,461	1,255	3,439	365	1,588	70,258
1983	28,861	9,790	423	18,748	4,873	1,269	3,451	388	1,804	69,606
1984	30,589	9,701	460	17,931	6,020	1,655	4,110	459	1,968	72,895
1985	29,002	9,033	514	18,055	5,668	1,820	3,262	458	2,008	69,822
1986	28,865	9,734	481	17,724	6,784	1,949	3,543	425	2,034	71,539
1987	33,583	10,337	558	17,727	6,178	1,703	3,209	426	2,288	76,010
1988	36,201	9,207	476	17,641	7,435	1,951	3,067	413	2,429	78,821
1989	36,676	9,426	489	19,401	8,780	2,222	3,854	490	2,386	83,724

1/ Farm chickens, ducks, geese, guineas, pigeons, quail, pheasants, and turkey hatching eggs. 2/ Wool, horses and mules, mohair, honey, beeswax, bees, goats, rabbits, and fur animals. 3/ Components may not add due to rounding.

Table 15--Cash receipts from farm marketings of crops, 1945-89

Year	Food grains	Feed crops	Cotton lint and seed	Oil crops	Tobacco	Fruits and tree nuts 1/	Vegetables 2/	Other 3/	Total 4/
Million dollars									
1945	1,563	1,509	1,208	615	898	1,498	1,611	753	9,655
1946	1,841	1,679	1,473	715	969	1,759	1,591	989	11,016
1947	2,753	2,265	2,245	917	1,032	1,199	1,632	1,050	13,093
1948	2,629	2,026	2,553	1,053	945	1,128	1,712	1,052	13,098
1949	2,255	2,161	2,637	854	903	929	1,616	1,041	12,396
1950	1,941	2,143	2,434	935	1,061	1,188	1,436	1,218	12,356
1951	2,004	2,091	2,858	986	1,190	1,157	1,728	1,225	13,239
1952	2,558	2,271	2,976	1,081	1,091	1,097	2,023	1,193	14,290
1953	2,456	2,397	3,179	959	1,094	1,197	1,662	1,134	14,078
1954	2,327	2,549	2,702	942	1,161	1,220	1,548	1,107	13,556
1955	1,990	2,555	2,580	1,131	1,225	1,276	1,683	1,083	13,523
1956	2,148	2,648	2,500	1,155	1,162	1,358	1,873	1,194	14,038
1957	1,868	2,395	1,756	1,181	971	1,292	1,710	1,165	12,338
1958	2,442	2,904	2,138	1,410	1,020	1,394	1,736	1,185	14,229
1959	2,232	2,770	2,686	1,274	1,060	1,514	1,861	1,346	14,743
1960	2,450	2,986	2,361	1,362	1,154	1,529	1,980	1,201	15,023
1961	2,468	2,776	2,469	1,623	1,325	1,610	1,910	1,471	15,650
1962	2,507	2,964	2,552	1,789	1,321	1,578	2,029	1,571	16,310
1963	2,562	3,414	2,838	1,951	1,269	1,678	2,004	1,713	17,430
1964	1,993	3,447	2,521	2,145	1,414	1,801	2,314	1,744	17,378
1965	2,042	3,693	2,330	2,173	1,186	1,650	2,617	1,787	17,479
1966	2,373	4,334	1,588	2,703	1,211	1,747	2,612	1,841	18,409
1967	2,361	4,393	1,095	2,795	1,391	1,817	2,680	1,902	18,434
1968	2,088	4,311	1,316	2,845	1,173	2,043	2,893	2,027	18,696
1969	2,214	4,576	1,364	3,049	1,296	2,171	2,842	2,093	19,606
1970	2,542	5,109	1,254	3,591	1,388	2,071	2,814	2,208	20,977
1971	2,485	5,525	1,487	3,787	1,328	2,305	3,011	2,341	22,269
1972	3,498	5,854	1,842	4,393	1,442	2,558	3,285	2,650	25,523
1973	7,194	10,605	2,798	7,580	1,570	3,445	4,351	3,572	41,114
1974	8,581	13,935	2,893	9,963	2,097	3,441	5,336	4,820	51,065
1975	8,195	12,183	2,311	7,480	2,155	3,563	5,346	4,579	45,813
1976	7,112	13,127	3,477	9,443	2,310	3,714	5,231	4,619	49,032
1977	6,055	11,906	3,470	9,722	2,331	4,603	5,609	4,903	48,600
1978	5,839	11,427	3,538	13,023	2,604	5,764	6,127	4,876	53,198
1979	9,047	14,040	4,330	14,300	2,271	6,462	6,480	5,363	62,293
1980	10,402	18,308	4,447	15,493	2,672	6,557	7,307	6,560	71,746
1981	11,619	17,770	4,055	13,853	3,250	6,603	8,772	6,543	72,465
1982	11,412	17,409	4,457	13,817	3,340	6,804	8,076	6,990	72,303
1983	9,713	15,559	3,705	13,546	2,752	6,056	8,472	7,362	67,165
1984	9,731	16,138	3,674	13,641	2,813	6,734	9,152	8,008	69,889
1985	8,990	22,591	3,687	12,475	2,699	6,946	8,572	8,333	74,293
1986	5,741	16,912	3,371	10,614	1,921	7,248	8,849	9,002	63,658
1987	5,780	14,543	4,189	11,294	1,826	8,058	9,889	10,064	65,643
1988	7,464	14,305	4,546	13,537	1,960	9,139	9,754	10,665	71,372
1989	8,073	16,656	4,740	12,172	2,381	9,020	11,340	11,068	75,449

1/ Includes melons, 1945-48. 2/ Includes melons, 1949 to date. 3/ Sugar crops, floriculture and ornamentals, forest products, mushrooms, legume and grass seeds, hops, mint, broomcorn, popcorn, hemp fiber and seed, and flax fiber.

4/ Components may not add due to rounding.

Table 16--Cash receipts from farm marketings, by commodity and month, and Government payments, by month, 1986 1/

Source	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
Million dollars													
Total cash received 1/	14,001	9,696	9,570	13,249	11,163	10,495	9,900	10,659	12,627	15,006	15,456	15,189	147,010
Cash receipts 2/	13,930	8,998	9,528	9,831	9,402	9,265	9,957	10,120	11,352	14,430	15,156	13,227	135,197
Livestock and products:	5,916	5,094	5,672	5,600	5,859	5,397	6,123	6,482	6,303	6,805	6,599	5,689	71,539
Meat animals	3,327	2,786	3,097	3,046	3,211	2,804	3,139	3,411	3,522	3,953	3,670	3,114	39,081
Dairy products	1,516	1,381	1,527	1,505	1,566	1,463	1,446	1,447	1,415	1,471	1,460	1,526	17,724
Poultry and eggs	924	812	914	913	944	982	1,189	1,481	1,180	1,251	1,191	921	12,701
Other	149	115	133	136	139	147	349	143	186	130	279	128	2,034
Crops	8,014	3,904	3,856	4,231	3,543	3,869	3,834	3,639	5,049	7,625	8,556	7,538	63,658
Food grains	640	326	280	257	224	630	726	526	683	761	396	293	5,741
Feed crops	3,171	1,136	856	906	857	834	721	689	707	1,539	2,642	2,852	16,912
Cotton 3/	774	276	142	114	96	136	139	19	123	392	616	545	3,371
Tobacco	179	101	20	27	0	0	6	298	412	278	182	417	1,921
Oil	1,529	555	703	771	150	416	380	259	635	2,094	1,921	1,200	10,614
Vegs. and melons	683	540	732	829	1,121	829	606	799	893	872	492	453	8,849
Fruits and nuts	465	398	347	352	354	531	728	546	830	910	1,012	774	7,248
Other	573	571	775	975	741	494	527	502	766	779	1,294	1,004	9,002
Government payments	71	698	42	3,418	1,761	1,230	-57	538	1,275	576	301	1,962	11,813

1/ Components may not add due to rounding. 2/ Includes receipts from Commodity Credit Corporation loans which represent value of loans minus value of redemptions during the month. 3/ Includes cotton lint and cottonseed.

Table 17--Cash receipts from farm marketings, by commodity and month, and Government payments, by month, 1987 1/

Source	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
Million dollars													
Total cash received 1/	14,443	12,055	11,915	11,923	11,375	10,114	11,042	10,851	13,838	20,447	16,373	14,024	158,400
Cash receipts 2/	13,142	9,592	9,809	10,270	10,324	9,692	10,025	10,364	13,493	16,262	16,072	12,607	141,653
Livestock and products:	6,157	5,575	6,195	6,437	6,607	5,983	6,369	6,417	6,631	7,011	6,716	5,913	76,010
Meat animals	3,476	3,150	3,575	3,846	3,964	3,414	3,553	3,791	3,980	4,422	3,928	3,379	44,478
Dairy products	1,524	1,388	1,525	1,492	1,544	1,457	1,472	1,454	1,431	1,487	1,439	1,514	17,727
Poultry and eggs	987	902	941	945	942	947	964	1,013	1,011	952	1,039	874	11,517
Other	170	135	154	154	156	164	380	160	209	150	309	146	2,288
Crops	6,985	4,016	3,613	3,833	3,718	3,710	3,656	3,947	6,862	9,251	9,357	6,694	65,643
Food grains	401	254	208	142	223	641	697	675	771	849	433	485	5,780
Feed crops	2,645	1,290	581	521	414	477	460	464	1,097	1,820	3,028	1,745	14,543
Cotton 3/	472	171	84	57	71	68	53	125	472	865	983	769	4,189
Tobacco	162	26	10	22	0	0	7	296	551	210	159	384	1,826
Oil	1,314	599	543	579	509	403	359	306	1,262	2,776	1,758	886	11,294
Vegs. and melons	832	585	968	1,025	1,233	931	704	895	964	914	447	392	9,889
Fruits and nuts	536	461	352	397	441	638	792	618	888	966	1,092	878	8,058
Other	623	630	867	1,090	827	551	585	569	859	851	1,457	1,155	10,064
Government payments	1,301	2,464	2,106	1,653	1,050	422	1,017	487	345	4,186	300	1,417	16,747

1/ Components may not add due to rounding. 2/ Includes receipts from Commodity Credit Corporation loans which represent value of loans minus value of redemptions during the month. 3/ Includes cotton lint and cottonseed.

Table 18--Cash receipts from farm marketings, by commodity and month, and Government payments, by month, 1988 1/

Source	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
Million dollars													
Total cash received 1/	14,661	10,750	14,087	11,938	12,495	13,272	11,508	11,795	14,386	19,668	15,598	14,514	164,672
Cash receipts 2/	13,994	10,464	10,418	10,059	10,508	11,725	11,172	11,745	13,967	17,010	15,085	14,046	150,192
Livestock and products:	6,565	6,324	6,342	6,245	6,516	6,068	6,206	6,588	6,973	7,529	7,180	6,286	78,821
Meat animals	4,055	4,056	3,805	3,763	3,869	3,392	3,121	3,720	4,021	4,573	4,099	3,409	45,884
Dairy products	1,475	1,347	1,480	1,447	1,502	1,413	1,430	1,433	1,433	1,526	1,520	1,635	17,641
Poultry and eggs	856	776	891	867	973	1,081	1,263	1,265	1,302	1,270	1,241	1,084	12,867
Other	179	145	166	168	173	182	393	169	216	160	320	158	2,429
Crops	7,429	4,139	4,076	3,814	3,992	5,657	4,965	5,158	6,994	9,481	7,905	7,760	71,372
Food grains	522	303	205	197	326	1,487	960	768	770	695	595	637	7,464
Feed crops	2,208	866	630	458	463	1,121	1,153	1,166	1,486	1,867	1,361	1,525	14,305
Cotton 3/	673	448	195	121	108	104	34	63	123	516	717	1,444	4,546
Tobacco	217	30	1	23	0	0	10	383	466	298	309	222	1,960
Oil	1,481	739	742	579	670	767	636	555	1,260	3,202	1,702	1,204	13,537
Vegs. and melons	1,087	514	928	840	1,008	854	660	917	986	961	531	468	9,754
Fruits and nuts	561	570	462	448	543	737	892	688	975	1,031	1,174	1,058	9,139
Other	680	670	914	1,149	874	585	620	616	928	911	1,516	1,202	10,665
Government payments	667	286	3,669	1,879	1,987	1,548	336	49	419	2,658	513	468	14,480

1/ Components may not add due to rounding. 2/ Includes receipts from Commodity Credit Corporation loans which represent value of loans minus value of redemptions during the month. 3/ Includes cotton lint and cottonseed.

Table 19--Cash receipts from farm marketings, by commodity and month, and Government payments, by month, 1989 1/

Source	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
Million dollars													
Total cash received 1/	14,769	13,178	13,134	12,247	12,982	12,600	12,048	12,541	15,161	18,657	17,817	14,925	170,060
Cash receipts 2/	14,377	10,572	11,789	11,189	11,530	12,040	11,776	12,412	14,907	17,554	16,752	14,276	159,173
Livestock and products:	6,987	6,220	6,892	6,487	6,849	6,446	6,620	6,951	7,290	7,889	8,031	7,063	83,724
Meat animals	4,059	3,536	3,814	3,536	3,656	3,332	3,415	3,846	4,176	4,792	4,645	3,785	46,591
Dairy products	1,572	1,433	1,568	1,532	1,605	1,525	1,562	1,587	1,597	1,716	1,780	1,924	19,401
Poultry and eggs	1,178	1,106	1,346	1,254	1,419	1,410	1,258	1,348	1,306	1,224	1,296	1,201	15,346
Other	177	144	164	165	169	179	386	170	211	156	311	153	2,386
Crops	7,389	4,352	4,897	4,702	4,681	5,595	5,156	5,460	7,617	9,665	8,720	7,213	75,449
Food grains	654	297	339	261	364	1,490	1,085	875	725	648	693	641	8,073
Feed crops	1,735	898	1,131	888	963	1,163	1,188	1,260	1,583	2,226	1,899	1,732	16,656
Cotton 3/	786	709	162	88	118	71	143	86	247	501	928	901	4,740
Tobacco	330	41	0	21	0	0	20	482	493	392	376	227	2,381
Oil	1,605	515	804	535	464	596	418	417	1,404	2,742	1,622	1,048	12,172
Vegs. and melons	955	654	1,001	1,218	1,301	952	755	1,049	1,234	1,166	575	480	11,340
Fruits and nuts	607	535	504	491	557	711	912	657	975	1,043	1,085	945	9,020
Other	717	704	956	1,199	914	611	636	635	956	946	1,553	1,241	11,068
Government payments	392	2,606	1,345	1,058	1,453	559	272	130	254	1,103	1,066	649	10,887

1/ Components may not add due to rounding. 2/ Includes receipts from Commodity Credit Corporation loans which represent value of loans minus value of redemptions during the month. 3/ Includes cotton lint and cottonseed.

Table 20--Commodity Credit Corporation loan placements, by commodity and month, 1985-89 1/

Year and commodity	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Million dollars												
1985	1,517.5	526.0	233.4	65.1	41.6	205.9	771.9	668.2	927.7	2,282.9	3,564.4	3,954.4
Soybeans	341.2	78.1	53.1	12.6	13.5	8.2	1.1	0.3	6.8	433.3	895.4	714.3
Corn	842.5	144.9	70.1	20.1	11.4	6.0	3.3	34.6	139.9	834.8	1,779.0	2,389.4
Wheat	89.4	23.4	19.0	13.4	4.3	184.0	722.3	489.1	519.5	380.2	122.1	92.3
Cotton	150.9	258.0	62.1	9.4	11.2	6.0	1.3	10.4	63.1	271.0	414.9	444.3
Rice	51.4	14.3	24.4	6.8	0.5	0.5	0.3	2.2	50.7	198.6	108.1	79.9
Sorghum	28.4	4.4	1.7	0.6	0.5	0.2	36.8	71.2	47.5	93.2	221.4	221.0
Rye	1.6	0.4	0.3	0.2	0.0	0.0	1.2	2.6	2.3	1.5	0.5	0.2
Barley	11.9	2.5	2.7	1.9	0.2	1.0	5.3	56.8	96.2	68.9	22.5	12.6
Oats	0.1	0.0	0.0	0.0	0.0	0.0	0.2	1.2	1.6	1.6	0.5	0.4
1986	2,959.1	800.2	349.1	586.1	-147.5	62.2	278.9	337.4	737.3	2,064.6	3,219.2	3,189.9
Soybeans	368.4	82.6	37.8	278.7	-247.7	5.2	3.5	1.8	3.2	158.6	541.3	390.2
Corn	1,610.0	436.8	217.9	203.4	78.4	32.1	41.3	41.8	130.1	917.5	1,917.4	2,232.3
Wheat	155.4	62.5	35.0	45.2	11.1	5.9	197.2	181.3	282.2	298.2	103.2	36.2
Cotton	552.3	144.7	30.8	16.4	2.6	15.9	15.0	5.0	41.6	228.0	299.8	295.2
Rice	111.4	27.3	9.7	23.5	3.0	1.0	1.1	43.0	159.6	320.9	164.2	65.4
Sorghum	141.1	38.3	12.9	10.3	3.4	1.5	17.5	40.0	37.8	63.0	165.5	161.7
Rye	0.3	0.1	0.0	0.1	0.0	0.0	0.2	1.8	2.9	2.1	0.6	0.2
Barley	19.9	7.6	4.6	8.0	1.6	0.6	2.9	21.1	77.8	74.8	26.6	8.3
Oats	0.4	0.2	0.1	0.4	0.1	0.0	0.3	1.5	2.2	1.6	0.7	0.5
1987	3,016.0	1,367.9	439.6	411.3	117.6	24.0	71.9	301.7	1,280.4	2,363.7	3,599.8	1,912.1
Soybeans	268.5	80.6	21.7	20.4	9.0	2.9	1.3	-1.6	15.1	252.2	507.4	204.1
Corn	2,022.5	988.4	296.0	337.0	101.0	51.2	20.1	32.0	549.4	1,246.7	2,540.5	1,198.9
Wheat	78.6	34.1	14.4	18.9	3.1	0.7	1.8	240.2	341.5	207.4	103.4	54.6
Cotton	370.6	142.6	67.1	6.6	-0.1	11.6	5.6	0.8	17.8	156.7	166.8	228.5
Rice	77.3	42.2	26.3	15.0	1.5	-44.8	42.9	2.6	145.8	396.6	117.8	107.4
Sorghum	176.2	72.0	11.4	10.4	2.4	2.2	0.2	5.2	146.9	64.4	146.4	110.9
Rye	0.4	0.3	0.2	0.2	0.0	0.0	0.0	1.8	4.6	1.7	1.3	0.3
Barley	21.7	7.6	2.3	2.6	0.7	0.1	0.0	20.6	58.1	37.4	15.8	7.4
Oats	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.1	1.2	0.6	0.3	0.1
1988	2,340.5	795.8	239.5	124.0	46.8	32.8	63.9	95.0	295.5	694.6	961.7	1,872.2
Soybeans	234.4	45.7	19.1	6.9	3.6	1.2	0.0	-0.3	4.1	75.2	132.4	173.6
Corn	1,503.6	370.9	99.0	61.2	24.5	15.0	2.5	3.4	30.9	140.3	303.9	427.2
Wheat	57.4	43.9	16.9	11.4	4.4	7.9	57.5	67.6	57.3	11.9	6.1	12.1
Cotton	340.4	284.5	82.9	32.2	10.3	5.3	1.7	6.4	49.8	164.8	270.3	1,064.9
Rice	68.9	18.0	2.3	1.4	1.1	0.0	0.4	6.2	136.5	291.0	235.2	170.0
Sorghum	121.6	25.9	9.5	5.7	2.7	2.7	1.1	4.2	5.4	8.1	12.1	21.2
Rye	0.9	1.3	0.5	0.1	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0
Barley	13.2	5.5	9.2	5.1	0.2	0.6	0.6	7.2	11.1	3.1	1.6	3.1
Oats	0.1	0.2	0.1	0.0	0.0	0.0	0.1	0.2	0.2	0.1	0.0	0.1
1989	1,153.0	706.0	140.4	33.3	10.3	12.5	26.0	299.9	165.3	516.9	1,564.6	1,074.1
Soybeans	117.1	43.9	15.9	4.3	1.7	2.0	0.4	-2.5	1.2	155.5	379.9	179.2
Corn	337.3	49.2	31.1	6.8	2.8	4.0	0.8	5.6	18.8	108.5	580.0	378.6
Wheat	9.3	2.3	2.2	1.5	0.2	2.5	21.9	63.6	55.1	24.5	15.8	16.7
Cotton	607.1	570.0	73.5	5.0	1.2	2.8	2.1	0.0	15.7	41.8	288.4	347.9
Rice	66.2	37.0	16.1	14.7	4.2	0.8	0.0	221.8	66.0	180.1	288.0	141.0
Sorghum	13.7	2.7	1.2	0.5	0.1	0.2	0.6	1.6	0.9	2.7	9.8	7.3
Rye	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.2	0.0	0.0	0.0
Barley	2.2	0.8	0.3	0.5	0.0	0.2	0.2	8.9	6.9	3.6	2.6	3.2
Oats	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.4	0.1	0.1	0.1

1/ Payments received by farmers for commodities placed under nonrecourse Commodity Credit Corporation loans.

Table 21--Commodity Credit Corporation loan redemptions, by commodity and month, 1985-89 1/

Year and commodity :	Jan. :	Feb. :	Mar. :	Apr. :	May :	June :	July :	Aug. :	Sep. :	Oct. :	Nov. :	Dec. :
Million dollars												
1985 :	222.1	201.0	306.7	437.9	504.6	338.7	345.3	176.4	103.5	92.6	74.8	140.9
Soybeans :	44.4	47.1	74.2	100.6	81.2	82.5	105.1	49.7	22.6	12.9	5.7	29.6
Corn :	44.9	64.3	124.0	186.7	192.2	169.6	166.7	83.2	45.4	25.7	10.1	28.5
Wheat :	79.5	38.1	42.4	37.1	29.1	16.8	9.1	4.3	6.2	19.2	28.8	47.7
Cotton :	38.4	22.4	27.8	60.2	96.2	50.3	48.9	34.3	25.2	31.6	21.4	21.8
Rice :	6.4	20.9	27.2	40.7	88.2	2.6	4.1	0.3	1.6	0.8	6.8	6.2
Sorghum :	5.3	4.1	6.9	8.4	13.7	11.6	8.6	3.6	1.7	0.7	0.5	1.6
Rye :	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Barley :	2.8	3.6	3.7	3.7	3.7	4.8	2.6	1.0	0.7	1.5	1.5	5.4
Oats :	0.4	0.3	0.4	0.5	0.4	0.4	0.2	0.1	0.0	0.1	0.1	0.0
1986 :	230.3	186.3	287.7	402.6	469.3	520.8	739.1	640.7	692.3	654.2	595.8	707.7
Soybeans :	99.9	89.3	128.4	163.1	124.0	101.9	122.8	89.3	42.1	18.1	10.5	16.8
Corn :	54.6	40.2	39.4	43.6	98.9	192.0	279.5	191.4	225.0	233.0	257.6	248.3
Wheat :	39.0	21.2	25.2	52.9	59.6	62.8	80.0	57.1	58.6	121.3	100.7	69.8
Cotton :	20.1	23.8	74.0	85.7	63.7	94.5	121.4	250.7	275.8	141.1	120.7	292.9
Rice :	9.2	7.0	15.8	48.0	101.7	45.4	106.4	34.1	67.5	108.7	76.0	57.6
Sorghum :	1.9	1.1	1.4	3.3	14.5	12.1	12.6	8.4	13.7	10.7	7.5	8.7
Rye :	0.2	0.0	0.0	0.0	0.2	0.2	0.2	0.1	0.4	0.7	0.5	0.1
Barley :	5.3	3.5	3.3	5.9	6.7	11.7	15.8	9.4	9.0	20.3	21.8	12.9
Oats :	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.1	0.3	0.3	0.5	0.5
1987 :	972.0	1,564.6	1,177.9	1,723.9	1,399.9	969.7	534.5	800.1	1,382.5	1,519.1	1,393.0	1,298.0
Soybeans :	38.0	112.1	65.6	199.6	175.1	128.7	59.5	151.3	181.7	120.3	50.8	77.2
Corn :	453.8	898.4	694.6	1,039.5	833.3	583.3	294.2	385.9	658.1	667.3	941.0	782.2
Wheat :	95.8	171.2	123.2	166.9	148.1	136.5	23.1	89.6	128.3	119.6	112.5	130.9
Cotton :	280.5	198.7	163.1	167.1	150.9	123.4	103.5	78.1	214.1	130.4	65.1	117.8
Rice :	53.1	99.4	91.5	88.6	49.4	(32.6)	45.2	69.0	128.0	425.4	124.0	83.2
Sorghum :	28.7	53.5	22.0	37.6	29.7	16.6	5.5	17.5	62.0	43.7	88.6	91.5
Rye :	0.2	0.8	0.5	0.4	0.3	0.4	0.0	0.8	1.3	0.7	0.9	0.2
Barley :	21.2	29.6	16.8	23.3	12.4	12.6	3.1	7.8	8.7	11.5	9.9	14.7
Oats :	0.7	0.8	0.7	0.9	0.6	0.8	0.2	0.2	0.3	0.4	0.3	0.4
1988 :	1,506.1	1,273.5	1,257.9	1,156.0	771.5	1,933.7	1,185.3	1,279.5	964.7	375.6	373.2	683.8
Soybeans :	156.7	144.0	172.8	162.1	109.8	189.8	159.1	159.8	125.6	30.2	12.0	19.3
Corn :	917.8	757.9	710.4	704.2	377.7	1,153.4	739.0	936.4	633.6	139.8	103.6	134.9
Wheat :	102.9	143.9	112.3	117.5	144.9	283.4	120.1	63.9	59.6	29.5	31.2	53.3
Cotton :	91.6	82.1	149.1	97.1	80.1	116.6	52.5	51.7	60.8	88.6	144.3	356.0
Rice :	117.3	64.5	40.5	15.5	15.9	29.3	9.0	8.1	38.3	67.7	63.1	97.4
Sorghum :	106.6	63.0	43.5	37.9	22.2	70.3	50.3	33.8	28.9	9.1	9.1	9.8
Rye :	0.5	2.2	0.9	0.7	0.6	2.8	1.4	0.7	0.5	0.3	0.3	0.2
Barley :	12.5	14.6	27.6	20.3	19.9	87.2	53.0	24.8	17.0	10.2	9.4	12.6
Oats :	0.2	1.3	0.9	0.6	0.3	1.0	0.9	0.4	0.4	0.2	0.3	0.2
1989 :	544.1	465.3	1,200.0	726.0	536.0	727.7	738.1	1,439.3	569.6	258.1	362.0	352.6
Soybeans :	63.9	34.6	61.3	45.6	45.2	72.7	67.5	102.8	49.9	13.1	12.1	22.5
Corn :	156.0	130.7	219.7	161.3	160.5	384.4	389.5	432.9	255.1	97.1	83.8	71.2
Wheat :	52.1	29.5	84.2	110.2	145.6	105.4	66.5	26.8	17.3	16.5	43.5	37.8
Cotton :	140.5	132.5	672.1	231.3	57.1	82.6	175.1	549.1	229.4	118.3	138.3	82.0
Rice :	106.5	120.0	139.7	161.2	111.1	39.4	12.7	302.4	4.9	5.4	72.0	131.6
Sorghum :	11.7	8.3	10.5	9.5	10.8	18.3	13.6	19.3	9.4	5.0	6.6	2.4
Rye :	0.2	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.1	0.1
Barley :	13.1	9.6	12.3	6.5	5.7	24.6	13.1	5.9	3.6	2.5	5.4	5.1
Oats :	0.2	0.2	0.2	0.2	0.1	0.3	0.1	0.1	0.1	0.0	0.1	0.1

1/ Value of loans redeemed by farmers for commodities placed under nonrecourse Commodity Credit Corporation loans.

Table 22--Commodity Credit Corporation loans liquidated, by commodity and month, 1985-89 1/

Year and commodity	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
1,000 dollars												
1985	89,521	67,696	98,446	44,636	291,992	97,605	134,629	117,206	352,858	583,438	367,952	397,578
Soybeans	694	296	1,393	169	315	350	659	24,510	113,740	205,096	119,518	129,686
Corn	11,715	13,988	31,172	12,030	11,823	6,620	11,520	8,361	60,368	221,291	148,397	145,578
Wheat	43,857	21,628	31,667	21,253	64,104	42,775	84,764	65,868	135,573	110,805	63,470	56,808
Cotton	1,328	1,168	1,072	1,766	622	895	-106	1,409	1,926	2,731	4,129	5,732
Rice	576	88	128	2,456	201,272	37,173	12,434	4,447	7,751	884	786	129
Sorghum	29,977	29,343	31,040	5,854	12,620	5,465	6,123	5,532	21,162	27,731	17,501	46,625
Rye	672	498	643	89	479	2,961	7,506	2,189	2,753	1,178	828	1,112
Barley	668	665	1,311	981	698	1,362	11,647	4,847	9,452	13,509	13,049	11,783
Oats	34	22	20	38	59	4	82	43	133	213	274	125
1986	203,939	269,923	249,121	326,359	222,287	463,860	693,458	995,324	565,315	686,043	1,180,590	860,661
Soybeans	49,877	41,819	26,764	19,009	5,712	4,027	7,799	32,697	116,871	312,528	290,744	224,290
Corn	77,491	87,519	84,611	57,125	20,803	24,071	66,691	107,689	278,423	630,939	636,633	456,013
Wheat	31,910	75,662	81,837	219,173	104,499	313,779	464,333	769,139	104,883	-413,617	87,007	78,196
Cotton	3,179	3,996	1,378	5,359	69,495	52,277	9,373	6,378	6,591	2,862	6,373	3,402
Rice	293	185	42	7	9,896	10,776	81,059	18,110	8,492	4,934	2,371	2,227
Sorghum	35,657	50,194	45,442	14,272	8,159	52,702	47,826	41,468	39,471	134,785	144,614	85,131
Rye	516	738	307	221	405	501	1,141	870	727	630	299	301
Barley	4,819	9,700	8,624	11,034	3,261	5,636	14,928	18,658	9,533	12,703	12,364	10,920
Oats	197	110	116	159	57	91	308	315	324	279	185	181
1987	1,144,431	242,561	111,200	405,142	197,805	270,221	45,095	125,183	452,272	335,785	431,295	476,324
Soybeans	132,662	118,784	73,433	70,221	35,776	20,224	12,049	6,150	8,661	7,950	12,560	15,848
Corn	633,924	0	233,504	236,289	104,071	181,717	0	68,278	291,980	252,701	303,133	278,062
Wheat	38,416	54,821	44,971	55,561	36,304	57,811	23,911	34,120	74,941	38,034	41,050	57,954
Cotton	3,584	2,486	3,350	2,188	3,241	4,838	1,217	365	1,839	2,032	1,104	933
Rice	523	891	1,052	1,686	128	66	-1	2,136	2,374	2,165	1,385	4,121
Sorghum	329,577	54,443	-251,918	29,348	12,340	774	6,402	9,990	65,009	24,316	67,555	115,469
Rye	258	139	231	281	161	129	154	367	565	367	289	158
Barley	5,318	10,857	6,350	9,446	5,698	4,533	1,276	3,728	6,858	8,186	4,155	3,722
Oats	169	140	227	122	86	129	87	49	45	34	64	57
1988	204,353	201,826	103,027	83,098	85,617	125,402	59,283	33,678	37,915	26,301	22,175	37,120
Soybeans	10,377	13,011	7,626	3,647	2,339	1,872	989	1,225	567	297	323	366
Corn	124,064	123,950	57,921	36,631	18,651	22,113	13,097	9,695	18,099	16,854	12,599	22,626
Wheat	30,310	24,456	17,897	32,603	51,519	59,681	24,975	14,561	8,137	4,121	4,177	4,802
Cotton	614	354	596	554	190	571	272	315	471	217	202	149
Rice	1,086	960	418	254	153	119	1	316	1,299	839	187	569
Sorghum	35,792	35,757	17,124	7,853	9,586	36,806	17,433	6,043	8,069	2,836	3,486	6,624
Rye	52	331	45	40	59	411	222	263	56	76	57	75
Barley	2,034	2,953	1,357	1,459	3,089	3,777	2,278	1,260	1,212	1,061	1,134	1,910
Oats	24	54	43	57	31	52	16	0	5	0	10	-1
1989	35,892	41,691	53,776	35,701	42,693	45,965	74,572	150,117	296,968	282,566	266,900	96,228
Soybeans	167	121	385	323	322	484	503	-998	230	147	175	17
Corn	24,856	31,738	45,087	22,591	6,422	9,690	19,856	165,574	244,406	249,127	223,612	70,837
Wheat	4,412	2,674	3,403	8,556	19,579	12,762	26,598	44,742	30,413	20,141	29,102	18,750
Cotton	109	64	218	624	1,632	6,727	16,016	3,150	1,557	772	1,118	250
Rice	140	137	240	37	77	516	46	-84,119	299	247	231	1,644
Sorghum	4,069	5,338	2,167	2,396	13,270	11,412	3,617	13,857	15,436	9,274	10,441	2,824
Rye	7	31	26	2	5	18	6	0	7	0	2	0
Barley	2,130	1,587	2,215	1,172	1,385	4,356	7,896	7,868	4,596	2,822	2,202	1,888
Oats	2	1	35	0	1	0	34	43	24	36	17	18

1/ Value of nonrecourse commodity loans acquired by Commodity Credit Corporation plus loans charged off.

Table 23--Commodity Credit Corporation loan transactions, by commodity, 1982-89

Commodity	1982	1983	1984	1985	1986	1987	1988	1989
1,000 dollars								
Placements:								
Soybeans	NA	NA	NA	2,557,971	1,623,452	1,381,597	695,881	898,825
Corn	NA	NA	NA	6,276,114	7,859,125	9,383,790	2,982,356	1,523,389
Wheat	NA	NA	NA	2,659,039	1,413,360	1,098,618	354,567	215,529
Cotton	NA	NA	NA	1,702,657	1,647,316	1,174,690	2,313,479	1,955,593
Rice	NA	NA	NA	537,656	930,140	930,656	931,021	1,035,925
Sorghum	NA	NA	NA	726,888	693,035	748,544	220,192	41,194
Rye	NA	NA	NA	10,628	8,381	10,823	3,162	780
Barley	NA	NA	NA	282,440	253,693	174,304	60,497	29,581
Oats	NA	NA	NA	5,689	7,957	2,923	1,096	1,320
Total 1/	NA	NA	NA	14,759,082	14,436,459	14,905,945	7,562,251	5,702,136
Redemptions:								
Soybeans	NA	NA	NA	655,576	1,006,318	1,359,835	1,441,328	591,061
Corn	NA	NA	NA	1,141,314	1,903,549	8,231,548	7,308,837	2,542,132
Wheat	NA	NA	NA	358,413	748,158	1,445,664	1,262,400	735,341
Cotton	NA	NA	NA	478,458	1,564,319	1,792,692	1,370,450	2,608,169
Rice	NA	NA	NA	205,796	677,499	1,224,313	566,623	1,206,924
Sorghum	NA	NA	NA	66,693	95,930	496,752	484,443	125,430
Rye	NA	NA	NA	651	2,711	6,521	10,954	733
Barley	NA	NA	NA	34,956	125,600	171,448	309,075	107,345
Oats	NA	NA	NA	2,817	2,704	6,350	6,732	1,613
Total 1/	NA	NA	NA	2,944,674	6,126,788	14,735,123	12,760,842	7,918,748
Loans liquidated:								
Soybeans	73,048	59,228	8,867	596,426	1,132,137	514,318	42,639	1,876
Corn	443,186	2,172,063	106,346	682,863	2,528,008	2,583,659	476,300	1,113,796
Wheat	38,183	871,849	854,785	742,572	1,916,801	557,894	277,239	221,132
Cotton	18,429	313,295	130,335	22,672	170,663	27,177	4,505	32,237
Rice	125,187	53,320	177,482	268,124	138,392	16,526	6,201	-80,505
Sorghum	24,592	394,625	40,723	238,973	699,721	463,305	187,409	94,101
Rye	0	1,750	9,490	20,908	6,656	3,099	1,687	104
Barley	2,869	11,861	4,672	69,972	122,180	70,127	23,524	40,117
Oats	536	987	476	1,047	2,322	1,209	291	211
Total 1/	726,030	3,878,978	1,333,176	2,643,557	6,716,880	4,237,314	1,019,795	1,423,069

NA = not available. 1/ See footnotes, tables 20-22 for explanations of the three types of CCC transactions.

Table 24--Government payments, by program, 1945-89 1/

Year	Feed grain	Wheat	Rice	Cotton	Wool	Conser- vation 2/	Miscel- laneous 3/	Total
Million dollars								
1945	na	na	na	na	na	259	483	742
1946	na	na	na	na	na	285	487	772
1947	na	na	na	na	na	277	37	314
1948	na	na	na	na	na	218	39	257
1949	na	na	na	na	na	156	30	186
1950	na	na	na	na	na	246	37	283
1951	na	na	na	na	na	246	40	286
1952	na	na	na	na	na	242	33	275
1953	na	na	na	na	na	181	32	213
1954	na	na	na	na	na	217	40	257
1955	na	na	na	na	na	188	41	229
1956	na	na	na	na	54	220	280	554
1957	na	na	na	na	53	230	732	1,015
1958	na	na	na	na	14	215	859	1,088
1959	na	na	na	na	82	233	367	682
1960	na	na	na	na	51	223	429	703
1961	772	42	na	na	56	236	387	1,493
1962	841	253	na	na	54	230	368	1,746
1963	843	215	na	na	37	231	370	1,696
1964	1,163	438	na	39	25	236	278	2,179
1965	1,391	525	na	70	18	224	235	2,463
1966	1,293	679	na	773	34	231	267	3,277
1967	865	731	na	932	29	237	284	3,078
1968	1,366	747	na	787	66	229	268	3,463
1969	1,643	858	na	828	61	204	199	3,793
1970	1,504	871	na	919	49	208	166	3,717
1971	1,054	878	na	822	69	173	149	3,145
1972	1,845	856	na	813	110	198	140	3,962
1973	1,142	474	na	718	65	72	136	2,607
1974	101	70	na	42	4/	192	125	530
1975	279	77	na	138	13	193	107	807
1976	196	135	4/	108	39	209	47	734
1977	187	887	130	89	5	328	192	1,818
1978	1,172	963	3	127	27	239	499	3,030
1979	494	114	59	185	33	197	294	1,376
1980	382	211	2	172	28	214	276	1,285
1981	243	625	2	222	35	201	605	1,933
1982	713	652	156	800	46	179	946	3,492
1983	1,346	864	278	662	84	188	5,874	9,296
1984	367	1,795	192	275	118	191	5,493	8,431
1985	2,861	1,950	577	1,106	98	189	924	7,705
1986	5,158	3,500	423	1,042	112	254	1,325	11,814
1987	8,490	2,931	475	1,204	144	1,531	1,972	16,747
1988	7,219	1,842	465	924	117	1,607	2,306	14,480
1989	3,141	603	671	1,184	81	1,771	3,436	10,887

na = no program. 1/ Components may not add due to rounding. Includes both cash payments and payments-in-kind (PIK). 2/ Includes Great Plains and other conservation programs. 3/ Through 1970, total amounts are for Soil Bank; starting with 1971, amounts include all other programs, Soil Bank discontinued. 4/ Less than \$500,000.

Table 25--Farm production expenses, 1945-89 1/

Year	Intermediate product expenses										
	Farm origin				Manufactured inputs						
	Feed purchased	Livestock and poultry purchased	Seed purchased 2/	Total	Fertilizer and Lime			Pesti- cides	Petroleum fuel and oils 3/	Elec- tricity 3/	Total
					Ferti- lizer	Lime	Total				
Million dollars											
1945	2,738	1,011	435	4,184	542	115	657	68	544	40	1,309
1946	3,022	1,170	428	4,620	571	112	683	77	643	51	1,454
1947	3,746	1,379	514	5,639	640	115	755	98	823	56	1,732
1948	3,996	1,589	581	6,166	729	97	826	118	1,009	73	2,026
1949	3,024	1,529	543	5,096	789	106	895	139	1,134	86	2,254
1950	3,283	2,004	518	5,805	868	107	975	179	1,192	71	2,417
1951	4,144	2,437	551	7,132	959	105	1,064	195	1,250	95	2,604
1952	4,331	1,918	594	6,843	1,078	106	1,184	190	1,288	101	2,763
1953	3,770	1,320	551	5,641	1,099	79	1,178	155	1,338	120	2,791
1954	3,906	1,563	525	5,994	1,136	73	1,209	167	1,366	123	2,865
1955	3,880	1,539	566	5,985	1,106	79	1,185	200	1,403	123	2,911
1956	3,894	1,610	519	6,023	1,079	87	1,166	269	1,434	128	2,997
1957	4,035	1,934	510	6,479	1,076	90	1,166	194	1,464	132	2,956
1958	4,541	2,702	508	7,751	1,113	93	1,206	226	1,447	140	3,019
1959	4,744	2,693	491	7,928	1,238	94	1,332	286	1,447	162	3,227
1960	4,552	2,506	519	7,577	1,252	92	1,344	290	1,484	177	3,295
1961	4,763	2,729	545	8,037	1,343	94	1,437	330	1,508	200	3,475
1962	5,187	3,104	565	8,856	1,446	98	1,544	368	1,512	215	3,639
1963	5,690	2,926	619	9,235	1,600	112	1,712	379	1,535	228	3,854
1964	5,512	2,419	661	8,592	1,772	116	1,888	402	1,549	243	4,082
1965	5,674	2,912	720	9,306	1,877	117	1,994	474	1,567	249	4,284
1966	6,401	3,544	760	10,705	2,098	121	2,219	562	1,616	252	4,649
1967	6,646	3,431	814	10,891	2,317	112	2,429	791	1,657	250	5,127
1968	6,357	3,676	831	10,864	2,323	111	2,434	827	1,662	263	5,186
1969	7,100	4,225	871	12,196	2,209	103	2,312	906	1,717	278	5,213
1970	8,028	4,324	928	13,280	2,340	95	2,435	960	1,711	304	5,410
1971	8,049	5,123	1,072	14,244	2,563	91	2,654	1,143	1,722	337	5,856
1972	8,397	6,668	1,115	16,180	2,620	101	2,721	1,367	1,688	371	6,147
1973	13,224	8,065	1,617	22,906	3,402	101	3,503	1,414	1,877	409	7,203
1974	14,513	5,131	1,941	21,585	5,898	156	6,053	1,513	2,690	501	10,757
1975	12,907	4,954	2,138	19,999	6,506	154	6,660	1,783	3,318	594	12,355
1976	14,370	5,884	2,366	22,620	6,255	213	6,468	2,108	3,966	858	13,400
1977	13,967	7,072	2,484	23,523	6,308	221	6,529	1,938	4,356	1,069	13,892
1978	16,036	10,150	2,638	28,824	6,361	259	6,620	2,656	4,609	1,389	15,274
1979	19,314	13,012	2,904	35,230	7,062	307	7,369	3,436	5,635	1,447	17,887
1980	20,971	10,670	3,220	34,861	9,067	424	9,491	3,539	7,879	1,526	22,435
1981	20,855	8,999	3,428	33,282	8,967	442	9,409	4,201	8,570	1,747	23,927
1982	18,592	9,684	3,172	31,447	7,689	329	8,018	4,282	7,734	2,041	22,076
1983	20,371	8,818	2,690	31,879	6,642	317	6,959	3,870	7,211	1,982	20,022
1984	20,239	9,486	3,386	33,112	8,302	272	8,574	4,688	7,296	2,060	22,618
1985	17,247	9,184	3,128	29,559	7,176	330	7,506	4,334	6,436	1,878	20,153
1986	17,875	9,758	3,188	30,821	6,526	287	6,813	4,324	5,310	1,795	18,242
1987	17,958	11,842	3,259	33,059	6,084	369	6,453	4,512	4,957	2,156	18,077
1988	20,620	12,812	3,268	36,700	6,378	398	6,775	4,443	4,921	2,231	18,370
1989	22,722	12,983	3,733	39,438	7,119	435	7,554	5,721	5,321	2,100	20,697

See footnotes at end of table.

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Table 25--Farm production expenses, 1945-89 1/--continued

Year	Intermediate product expenses									
	Other expenses								Total	
	Repair and maintenance of capital items 4/	Machine hire and custom- work	Marketing, storage, and transporta- tion expenses 5/	Miscellaneous expenses 6/	Total		Total		Intermediate product expenses	
	Including operator dwellings	Excluding operator dwellings	Including operator dwellings	Excluding operator dwellings	Including operator dwellings	Excluding operator dwellings	Including operator dwellings	Excluding operator dwellings	Including operator dwellings	Excluding operator dwellings
Million dollars										
1945	1,145	957	NA	287	517	481	1,949	1,725	7,442	7,218
1946	1,411	1,125	NA	337	537	496	2,285	1,958	8,359	8,032
1947	1,645	1,346	NA	438	615	570	2,698	2,354	10,069	9,725
1948	1,809	1,536	NA	460	670	621	2,939	2,617	11,131	10,809
1949	1,762	1,581	NA	369	812	762	2,943	2,712	10,293	10,062
1950	1,783	1,588	45	428	751	701	3,007	2,762	11,229	10,984
1951	2,032	1,802	96	533	840	777	3,501	3,208	13,237	12,944
1952	2,218	1,959	160	515	884	816	3,777	3,450	13,383	13,056
1953	2,203	1,932	192	535	864	803	3,794	3,462	12,226	11,894
1954	2,140	1,861	231	514	853	793	3,738	3,399	12,597	12,258
1955	2,197	1,908	282	558	881	820	3,918	3,568	12,814	12,464
1956	2,351	2,063	331	576	865	806	4,123	3,776	13,143	12,796
1957	2,453	2,161	409	558	949	884	4,369	4,012	13,804	13,447
1958	2,474	2,195	554	587	999	932	4,614	4,268	15,384	15,038
1959	2,669	2,381	583	645	1,240	1,160	5,137	4,769	16,292	15,924
1960	2,498	2,241	645	678	1,284	1,196	5,105	4,760	15,977	15,632
1961	2,468	2,151	613	735	1,300	1,212	5,116	4,711	16,628	16,223
1962	2,481	2,189	622	760	1,380	1,282	5,243	4,853	17,738	17,348
1963	2,438	2,138	661	757	1,446	1,340	5,302	4,896	18,391	17,985
1964	2,382	2,074	657	785	1,565	1,449	5,389	4,965	18,063	17,639
1965	2,376	2,095	735	801	1,570	1,454	5,482	5,085	19,072	18,675
1966	2,548	2,238	765	749	1,660	1,533	5,722	5,285	21,076	20,639
1967	2,752	2,432	868	735	1,704	1,566	6,059	5,601	22,077	21,619
1968	2,725	2,444	904	832	1,807	1,657	6,268	5,837	22,318	21,887
1969	2,790	2,464	943	800	1,871	1,709	6,404	5,916	23,813	23,325
1970	2,828	2,584	913	821	1,956	1,774	6,518	6,092	25,208	24,782
1971	2,985	2,704	1,041	871	2,056	1,858	6,953	6,474	27,053	26,574
1972	3,020	2,740	1,052	970	2,178	1,971	7,220	6,733	29,547	29,060
1973	3,352	3,097	1,302	1,005	2,356	2,141	8,015	7,545	38,124	37,654
1974	3,969	3,665	1,302	1,100	2,755	2,512	9,126	8,579	41,468	40,921
1975	4,488	4,235	1,541	1,082	3,035	2,765	10,146	9,623	42,500	41,977
1976	5,130	4,879	1,546	1,269	3,174	2,874	11,119	10,568	47,139	46,588
1977	5,765	5,430	1,682	1,390	3,582	3,181	12,419	11,683	49,834	49,098
1978	6,142	5,731	1,776	2,508	5,691	5,187	16,117	15,202	60,215	59,300
1979	6,754	6,488	2,063	3,162	6,771	6,163	18,750	17,876	71,867	70,993
1980	7,075	6,662	1,823	3,070	6,881	6,213	18,849	17,768	76,145	75,064
1981	7,021	6,728	1,984	3,523	6,909	6,180	19,437	18,415	76,646	75,624
1982	6,428	6,023	2,025	4,301	7,262	6,403	20,015	18,752	73,539	72,276
1983	6,529	6,122	2,213	3,904	9,089	8,174	21,735	20,413	73,636	72,314
1984	6,730	6,020	2,566	4,012	9,136	8,669	22,444	21,267	78,173	76,996
1985	6,556	5,896	2,354	4,127	8,198	7,763	21,235	20,140	70,947	69,852
1986	6,485	5,925	2,099	3,652	8,054	7,685	20,290	19,361	69,352	68,423
1987	6,828	6,205	2,105	3,988	8,902	8,458	21,823	20,756	72,959	71,892
1988	6,889	6,199	2,271	3,281	9,357	8,932	21,798	20,683	76,869	75,754
1989	7,794	7,240	2,739	4,214	9,857	9,498	24,604	23,691	84,738	83,825

See footnotes at end of table.

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Table 25--Farm production expenses, 1945-89 1/--continued

Year	Contract and hired labor expenses						Total operating expenses 7/		Interest				
	Hired labor												
									Interest on non-	Interest on real		Total	
	Contract labor 8/	Cash wages	Employers' contribution to Social Security	Perquisites 9/	Total hired labor	Total	Including operator dwellings	Excluding operator dwellings	real estate debt	Including operator dwellings	Excluding operator dwellings	Including operator dwellings	Excluding operator dwellings
Million dollars													
1945	NA	1,952	NA	347	2,299	2,299	9,741	9,517	169	221	187	390	356
1946	NA	2,155	NA	377	2,532	2,532	10,891	10,564	183	219	186	402	369
1947	NA	2,374	NA	409	2,783	2,783	12,852	12,508	214	225	192	439	406
1948	NA	2,558	NA	432	2,990	2,990	14,121	13,799	259	232	198	491	457
1949	NA	2,418	NA	388	2,806	2,806	13,099	12,868	296	243	208	539	504
1950	NA	2,451	NA	360	2,811	2,811	14,040	13,795	334	264	225	598	559
1951	NA	2,548	11	362	2,921	2,921	16,158	15,865	401	291	250	692	651
1952	NA	2,501	11	345	2,857	2,857	16,240	15,913	452	318	271	770	723
1953	NA	2,395	12	329	2,736	2,736	14,962	14,630	432	345	297	777	729
1954	NA	2,279	17	300	2,596	2,596	15,193	14,854	420	371	319	791	739
1955	NA	2,307	29	279	2,615	2,615	15,429	15,079	442	402	349	844	791
1956	NA	2,336	31	274	2,641	2,641	15,784	15,437	469	442	387	911	856
1957	NA	2,422	35	277	2,734	2,734	16,538	16,181	499	482	424	981	923
1958	NA	2,529	37	276	2,842	2,842	18,226	17,880	565	521	452	1,086	1,017
1959	312	2,260	38	295	2,593	2,905	19,197	18,829	650	572	498	1,222	1,148
1960	315	2,393	49	305	2,747	3,062	19,039	18,694	719	628	549	1,347	1,268
1961	340	2,479	51	322	2,852	3,192	19,820	19,415	741	686	606	1,427	1,347
1962	347	2,564	56	332	2,952	3,299	21,037	20,647	809	759	669	1,568	1,478
1963	350	2,640	68	342	3,050	3,400	21,791	21,385	905	846	749	1,751	1,654
1964	353	2,726	72	332	3,130	3,483	21,546	21,122	958	952	845	1,910	1,803
1965	392	2,813	76	322	3,211	3,603	22,675	22,278	1,028	1,075	958	2,103	1,986
1966	412	2,859	94	317	3,270	3,682	24,758	24,321	1,142	1,198	1,072	2,340	2,214
1967	385	2,928	104	306	3,338	3,723	25,800	25,342	1,271	1,325	1,189	2,596	2,460
1968	432	3,072	110	305	3,487	3,919	26,237	25,806	1,318	1,472	1,325	2,790	2,643
1969	462	3,249	126	314	3,689	4,151	27,964	27,476	1,434	1,625	1,468	3,059	2,902
1970	406	3,435	134	337	3,906	4,312	29,520	29,094	1,618	1,763	1,586	3,381	3,204
1971	419	3,433	152	338	3,923	4,342	31,395	30,916	1,659	1,905	1,718	3,564	3,377
1972	442	3,573	163	350	4,086	4,528	34,075	33,588	1,802	2,067	1,865	3,869	3,667
1973	507	4,040	211	396	4,647	5,154	43,278	42,808	2,278	2,385	2,155	4,663	4,433
1974	605	4,761	247	463	5,471	6,076	47,544	46,997	2,866	2,833	2,564	5,699	5,430
1975	664	5,148	274	500	5,922	6,586	49,086	48,563	3,069	3,317	3,006	6,386	6,075
1976	766	5,877	299	567	6,743	7,509	54,648	54,097	3,574	3,785	3,439	7,359	7,013
1977	822	6,213	320	598	7,131	7,953	57,787	57,051	4,203	4,329	3,943	8,532	8,146
1978	911	6,491	358	519	7,368	8,279	68,494	67,579	5,167	5,060	4,621	10,227	9,788
1979	988	7,018	414	561	7,993	8,981	80,848	79,974	6,868	6,190	5,666	13,058	12,534
1980	1,023	7,227	464	579	8,270	9,293	85,438	84,357	8,717	7,544	6,920	16,261	15,637
1981	983	6,853	540	555	7,948	8,931	85,577	84,555	10,722	9,142	8,396	19,864	19,118
1982	1,104	7,801	640	530	8,971	10,075	83,613	82,350	11,349	10,481	9,633	21,830	20,982
1983	1,098	7,507	608	513	8,628	9,725	83,361	82,039	10,615	10,815	9,947	21,430	20,562
1984	1,201	7,321	664	543	8,528	9,729	87,903	86,726	10,396	10,733	9,875	21,129	20,271
1985	1,161	7,476	673	490	8,638	9,799	80,746	79,651	8,735	9,878	9,080	18,613	17,815
1986	1,211	7,629	632	418	8,679	9,890	79,242	78,313	7,920	9,131	8,454	17,052	16,375
1987	1,360	8,183	774	505	9,461	10,821	83,780	82,713	7,305	8,187	7,354	15,492	14,659
1988	1,410	8,419	885	488	9,792	11,202	88,071	86,956	7,287	7,885	7,041	15,172	14,328
1989	1,539	8,837	1,063	447	10,347	11,887	96,625	95,712	7,480	7,643	7,065	15,123	14,545

See footnotes at end of table.

continued--

Table 25--Farm production expenses, 1945-89 1/--continued

Year	: Net rent	:Capital consumption 11/	: Property taxes 12/	:Total production expenses				
	: received by	:	:	:	:	:	:	
	: nonoperator	: Including	: Excluding	: Including	: Excluding	: Including	: Excluding	
	: landlords	: operator	: operator	: operator	: operator	: operator	: operator	
:	: 10/	: dwellings	: dwellings	: dwellings	: dwellings	: dwellings	: dwellings	
	:	Million dollars						
	:							
1945	:	1,064	1,310	1,072	557	485	13,062	12,494
1946	:	1,401	1,189	931	617	539	14,500	13,804
1947	:	1,455	1,553	1,237	733	644	17,032	16,250
1948	:	1,370	2,002	1,647	806	710	18,790	17,983
1949	:	1,107	2,365	2,022	872	770	17,982	17,271
	:							
1950	:	1,233	2,665	2,301	919	810	19,455	18,698
1951	:	1,368	3,147	2,712	983	874	22,348	21,470
1952	:	1,421	3,326	2,911	1,033	913	22,790	21,881
1953	:	1,214	3,454	3,029	1,060	943	21,467	20,545
1954	:	1,159	3,581	3,129	1,084	962	21,808	20,843
	:							
1955	:	1,057	3,700	3,219	1,141	1,018	22,171	21,164
1956	:	1,109	3,723	3,269	1,178	1,057	22,705	21,728
1957	:	1,029	3,913	3,430	1,242	1,117	23,703	22,680
1958	:	1,161	4,011	3,530	1,306	1,162	25,790	24,750
1959	:	1,077	4,251	3,736	1,429	1,279	27,176	26,069
	:							
1960	:	1,124	4,337	3,773	1,529	1,373	27,376	26,232
1961	:	1,346	4,388	3,802	1,609	1,449	28,590	27,359
1962	:	1,467	4,530	3,915	1,677	1,514	30,279	29,021
1963	:	1,623	4,696	4,043	1,737	1,573	31,598	30,278
1964	:	1,655	4,903	4,201	1,798	1,634	31,812	30,415
	:							
1965	:	1,886	5,111	4,360	1,874	1,707	33,649	32,217
1966	:	2,023	5,384	4,626	2,002	1,830	36,507	35,014
1967	:	1,882	5,781	4,967	2,122	1,944	38,181	36,595
1968	:	1,999	6,200	5,348	2,298	2,110	39,524	37,906
1969	:	2,061	6,574	5,655	2,456	2,258	42,114	40,352
	:							
1970	:	2,051	6,904	5,890	2,596	2,383	44,452	42,622
1971	:	2,028	7,416	6,331	2,704	2,483	47,107	45,135
1972	:	3,021	7,909	6,721	2,815	2,588	51,689	49,585
1973	:	4,780	8,946	7,540	2,886	2,657	64,553	62,218
1974	:	4,102	10,540	8,928	3,096	2,850	70,981	68,307
	:							
1975	:	4,024	12,354	10,604	3,193	2,956	75,043	72,222
1976	:	3,465	13,778	11,794	3,491	3,239	82,741	79,608
1977	:	3,412	15,493	13,166	3,660	3,399	88,884	85,174
1978	:	3,963	16,963	14,348	3,603	3,344	103,250	99,022
1979	:	6,182	19,345	16,297	3,871	3,601	123,304	118,588
	:							
1980	:	6,075	21,474	17,847	3,891	3,607	133,139	127,523
1981	:	6,184	23,573	19,612	4,246	3,942	139,444	133,411
1982	:	6,174	24,287	20,148	4,050	3,776	139,954	133,430
1983	:	5,110	23,873	19,918	4,123	3,815	137,897	131,444
1984	:	8,978	21,623	19,213	4,186	3,537	143,819	138,725
	:							
1985	:	8,435	19,648	17,407	4,484	3,875	131,926	127,182
1986	:	6,951	17,709	15,808	4,549	4,022	125,503	121,469
1987	:	6,964	16,475	14,410	4,982	4,341	127,693	123,088
1988	:	7,014	16,716	14,613	5,090	4,461	132,063	127,372
1989	:	8,181	17,310	15,189	5,328	4,822	142,566	138,448

See footnotes on next page.

Footnotes for Table 25

NA = not available.

1/ Components may not add due to rounding. Expenses for operator dwellings are included in the indicated columns only if the operator dwelling is located on the farm.

2/ Includes bulbs, plants, and trees.

3/ Includes only the proportion used in the farm business.

4/ Insurance, registration fees, and licensing fees for automobiles and trucks are included in the repair and maintenance account before 1978. These items are included in the miscellaneous expense account for 1978 and later years. After 1983, data on repairs and maintenance for operator dwelling are derived from the Farm Costs and Returns Survey. See table 26 for estimates by type of capital item.

5/ Marketing, storage, and transportation expenses for 1978 and later years are based on the Farm Costs and Returns Survey and are for all crops and livestock. Estimates before 1978 are based on various data sources and include only expenses for fruit and vegetable containers, cotton ginning, livestock marketing, and milk hauling. Estimates are not compatible between the two periods.

6/ Miscellaneous expenses for 1978 and later years are based on the Farm Costs and Returns Survey. Items included from 1978 forward are health and breeding services and supplies, custom feeding and grazing, irrigation water costs, dairy assessment fees, farm supplies, tools, noncapital equipment, net insurance including motor vehicles, motor vehicle registration and licensing fees, telephone and water, and other farm business management expenses. Other miscellaneous livestock purchases and livestock rental fees are included beginning in 1982. Estimates before 1978 are based on various data sources and include expenses for binding materials, dairy supplies, net Federal Crop Insurance Corporation payments, other net insurance excluding motor vehicles, greenhouse and nursery, grazing, harness and saddlery, blacksmithing and hardware, small handtools, telephones, veterinarian fees and supplies, and other miscellaneous expenses. Estimates are not compatible between the two periods.

7/ The sum of intermediate product expenses and contract and hired labor expenses.

8/ Contract labor wages and contractor fees are included in cash wages to hired labor for 1945-58. Social Security paid by contractors is included in Social Security for hired labor for 1951-58.

9/ Before 1978, includes the value of in-kind items (board, lodging, transportation, and food) and cash expenses (medical and life insurance, and pension and retirement plans). For 1978 and later years, includes only in-kind items. Other benefits that are cash expenses to the operator are included in cash wages. Procedures and data sources for 1982 and later years are not strictly compatible with those before 1982.

10/ After 1983, gross rent to landlords is based on data from the Farm Costs and Returns Survey. Gross rent to landlords for 1979-83 is based on data from the *1979 Farm Finance Survey*. Gross rent to landlords for 1978 and earlier years is based on various data sources. Net rent estimates are not consistent among the three periods.

11/ Depreciation and accidental damage. New computational procedures for depreciation and accidental damage on operator dwellings were implemented starting with 1984. Revised depreciation rates are lower than previous rates. Estimates are not compatible between the two periods. See table 28 for depreciation by type of capital item.

12/ Real estate and personal property taxes. Starting with 1984, property taxes for operator dwellings are computed from data on the Farm Costs and Returns Survey.

Table 26--Repair and maintenance of farm capital items, 1945-89

Year	Buildings and land 1/			Motor vehicles and machinery 2/			All capital items	
	Operator	Service	Total	Autos	Tractors,	Total	Including	Excluding
	farm	structures		and	machinery,		operator	operator
	dwelling	and land		trucks	and		dwelling	dwelling
	3/	improve- ments 4/		5/	equipment			
Million dollars								
1945	188	197	385	231	529	760	1,145	957
1946	286	312	598	257	556	813	1,411	1,125
1947	299	393	692	297	656	953	1,645	1,346
1948	273	428	701	336	772	1,108	1,809	1,536
1949	181	443	624	363	775	1,138	1,762	1,581
1950	195	445	640	407	736	1,143	1,783	1,588
1951	230	475	705	478	849	1,327	2,032	1,802
1952	259	487	746	521	951	1,472	2,218	1,959
1953	271	469	740	559	904	1,463	2,203	1,932
1954	279	445	724	587	829	1,416	2,140	1,861
1955	289	450	739	609	849	1,458	2,197	1,908
1956	288	455	743	615	993	1,608	2,351	2,063
1957	292	462	754	633	1,066	1,699	2,453	2,161
1958	279	445	724	638	1,112	1,750	2,474	2,195
1959	288	547	835	643	1,191	1,834	2,669	2,381
1960	257	499	756	648	1,094	1,742	2,498	2,241
1961	317	511	828	648	992	1,640	2,468	2,151
1962	292	545	837	649	995	1,644	2,481	2,189
1963	300	542	842	653	943	1,596	2,438	2,138
1964	308	524	832	671	879	1,550	2,382	2,074
1965	281	540	821	679	876	1,555	2,376	2,095
1966	310	568	878	689	981	1,670	2,548	2,238
1967	320	642	962	706	1,084	1,790	2,752	2,432
1968	281	598	879	724	1,122	1,846	2,725	2,444
1969	326	618	944	749	1,097	1,846	2,790	2,464
1970	244	674	918	784	1,126	1,910	2,828	2,584
1971	281	675	956	814	1,215	2,029	2,985	2,704
1972	280	632	912	825	1,283	2,108	3,020	2,740
1973	256	757	1,013	831	1,509	2,340	3,353	3,097
1974	304	673	977	940	2,052	2,992	3,969	3,665
1975	253	818	1,071	1,057	2,360	3,417	4,488	4,235
1976	251	1,012	1,263	1,210	2,657	3,867	5,130	4,879
1977	335	1,184	1,519	1,411	2,835	4,246	5,765	5,430
1978	411	1,198	1,609	1,014	3,519	4,533	6,142	5,731
1979	266	1,323	1,589	1,422	3,743	5,165	6,754	6,488
1980	413	1,457	1,870	1,459	3,746	5,205	7,075	6,662
1981	293	1,450	1,743	1,507	3,771	5,278	7,021	6,728
1982	404	1,388	1,792	1,050	3,585	4,635	6,428	6,023
1983	407	1,329	1,735	1,086	3,707	4,793	6,529	6,122
1984	710	1,113	1,823	1,112	3,796	4,907	6,730	6,020
1985	660	1,062	1,722	1,095	3,739	4,834	6,556	5,896
1986	560	1,100	1,660	1,093	3,732	4,825	6,485	5,925
1987	623	1,109	1,732	1,154	3,941	5,096	6,828	6,205
1988	690	1,032	1,722	1,171	3,996	5,167	6,889	6,199
1989	554	1,143	1,697	1,381	4,716	6,098	7,794	7,240

1/ Repairs and maintenance only. The value of gross capital expenditures which includes the value of new construction, additions, and major improvements appears in table 27. 2/ Share of capital items used in the farm business. 3/ Operator dwellings located on farm real estate only. 4/ Includes fences, windmills, wells, dams and ponds, terraces, drainage ditches, tile lines, other soil conservation facilities, and dwellings not occupied by farm operators. 5/ Insurance, registration fees, and licensing fees for automobiles and trucks are included in the repair and maintenance account before 1978. These items are included in the miscellaneous expense account for 1978 and later years.

Table 27--Farm gross capital expenditures, 1945-89

	Buildings and land 1/			Motor vehicles 2/				Machinery and equipment 3/	Total capital expenditures	
Year	Operator farm dwellings 4/	Service structures and land improvements 5/	Total	Tractors	Trucks	Auto-mobiles	Total		Including operator dwellings	Excluding operator dwellings
Million dollars										
1945	125	362	487	276	94	75	445	753	1,685	1,560
1946	409	752	1,161	241	216	104	561	473	2,195	1,786
1947	554	880	1,434	449	463	194	1,106	888	3,428	2,874
1948	702	938	1,640	661	535	307	1,503	1,341	4,484	3,782
1949	683	887	1,570	766	540	484	1,790	1,364	4,724	4,041
1950	642	880	1,522	769	502	463	1,734	1,418	4,674	4,032
1951	665	934	1,599	807	450	515	1,772	1,549	4,920	4,255
1952	665	949	1,614	755	349	316	1,420	1,546	4,580	3,915
1953	619	908	1,527	722	378	703	1,803	1,398	4,728	4,109
1954	572	853	1,425	570	377	502	1,449	1,290	4,164	3,592
1955	532	853	1,385	689	309	484	1,482	1,278	4,145	3,613
1956	529	863	1,392	525	325	395	1,245	1,161	3,798	3,269
1957	537	874	1,411	522	371	484	1,377	1,135	3,923	3,386
1958	514	841	1,355	677	381	548	1,606	1,544	4,505	3,991
1959	539	1,115	1,654	797	425	464	1,686	1,728	5,068	4,529
1960	485	1,201	1,686	494	430	420	1,344	1,458	4,488	4,003
1961	592	1,156	1,748	579	472	362	1,413	1,453	4,614	4,022
1962	549	1,283	1,832	687	514	449	1,650	1,540	5,022	4,473
1963	565	1,321	1,886	786	543	417	1,746	1,779	5,411	4,846
1964	587	1,331	1,918	849	586	433	1,868	1,902	5,688	5,101
1965	539	1,387	1,926	986	529	425	1,940	2,239	6,105	5,566
1966	593	1,484	2,077	1,209	511	393	2,113	2,498	6,688	6,095
1967	612	1,702	2,314	1,168	576	385	2,129	3,003	7,446	6,834
1968	548	1,598	2,146	1,168	535	357	2,060	2,490	6,696	6,148
1969	651	1,689	2,340	1,073	567	363	2,003	2,522	6,865	6,214
1970	498	1,875	2,373	1,123	597	310	2,030	2,888	7,291	6,793
1971	575	1,916	2,491	1,188	630	319	2,137	2,736	7,364	6,789
1972	587	1,785	2,372	1,418	672	374	2,464	3,231	8,067	7,480
1973	546	2,525	3,071	1,923	733	410	3,066	4,581	10,718	10,172
1974	1,153	3,249	4,402	2,236	864	305	3,405	4,790	12,597	11,444
1975	960	3,731	4,691	2,460	1,083	290	3,833	4,820	13,344	12,384
1976	1,069	3,971	5,040	2,648	1,547	409	4,604	5,393	15,037	13,968
1977	1,488	4,431	5,919	2,776	1,655	496	4,927	5,657	16,503	15,015
1978	1,739	5,209	6,948	3,283	1,829	469	5,581	7,158	19,687	17,948
1979	1,177	5,789	6,966	3,746	2,054	484	6,284	8,002	21,252	20,075
1980	1,781	5,213	6,994	3,683	1,756	374	5,813	6,956	19,763	17,982
1981	1,315	4,713	6,028	3,740	1,522	390	5,652	6,481	18,161	16,846
1982	1,648	3,757	5,406	2,597	1,475	364	4,436	5,068	14,909	13,261
1983	1,127	3,279	4,406	2,606	1,719	399	4,725	4,735	13,866	12,739
1984	1,383	3,256	4,638	2,539	1,703	341	4,583	4,682	13,903	12,521
1985	938	2,256	3,193	1,937	1,537	225	3,699	3,232	10,124	9,186
1986	712	2,139	2,852	1,513	1,462	252	3,227	3,094	9,173	8,460
1987	940	2,601	3,541	2,098	1,851	316	4,265	4,257	12,064	11,124
1988	1,491	2,321	3,812	2,411	2,005	291	4,707	4,026	12,545	11,054
1989	1,406	2,471	3,876	2,846	2,328	232	5,407	5,089	14,372	12,966

1/ Includes new construction, additions, and major improvements. 2/ Share of capital items used in the farm business.

3/ Excludes minor types of equipment charged to the miscellaneous expense category of table 25. 4/ Operator dwellings located on farm real estate only. 5/ Includes service buildings, other structures, fences, windmills, wells, dams and ponds, terraces, drainage ditches, tile lines, other soil conservation facilities, and dwellings not occupied by farm operators.

Table 28--Farm depreciation, 1945-89 1/

Year	Buildings			Motor vehicles 2/				Other	Total	
	Operator	Service	Total	Tractors	Trucks	Auto- mobiles	Total	machinery	Including operator dwellings	Excluding operator dwellings
	farm	structures						and		
	dwellings	5/						equipment		
	4/							3/		
Million dollars										
1945	190	201	391	179	109	99	387	444	1,222	1,032
1946	207	223	430	152	106	75	333	333	1,096	889
1947	265	284	549	189	169	100	458	425	1,432	1,167
1948	295	323	618	258	262	135	655	592	1,865	1,570
1949	289	329	618	341	315	201	857	775	2,250	1,961
1950	302	345	647	397	347	264	1,008	875	2,530	2,228
1951	340	394	734	469	382	328	1,179	1,024	2,937	2,597
1952	351	410	761	514	389	379	1,282	1,139	3,182	2,831
1953	359	424	783	543	369	410	1,322	1,195	3,300	2,941
1954	364	433	797	544	359	450	1,353	1,222	3,372	3,008
1955	382	450	832	564	346	476	1,386	1,242	3,460	3,078
1956	398	478	876	596	358	482	1,436	1,274	3,586	3,188
1957	411	502	913	620	387	501	1,508	1,317	3,738	3,327
1958	420	515	935	642	397	515	1,554	1,374	3,863	3,443
1959	450	541	991	681	425	532	1,638	1,464	4,093	3,643
1960	483	573	1,056	680	430	483	1,593	1,524	4,173	3,690
1961	505	606	1,111	666	458	443	1,567	1,547	4,225	3,720
1962	531	635	1,166	681	500	451	1,632	1,563	4,361	3,830
1963	556	668	1,224	693	526	461	1,680	1,598	4,502	3,946
1964	584	704	1,288	736	537	444	1,717	1,664	4,669	4,085
1965	628	743	1,371	785	533	412	1,730	1,766	4,867	4,239
1966	665	804	1,469	857	561	399	1,817	1,910	5,196	4,531
1967	708	878	1,586	929	569	374	1,872	2,111	5,569	4,861
1968	746	975	1,721	986	594	388	1,968	2,298	5,987	5,241
1969	788	1,091	1,879	1,011	609	375	1,995	2,438	6,312	5,524
1970	904	1,207	2,111	1,012	617	355	1,984	2,594	6,689	5,785
1971	970	1,271	2,241	1,085	709	367	2,161	2,790	7,192	6,222
1972	1,052	1,358	2,410	1,120	740	377	2,237	3,003	7,650	6,598
1973	1,233	1,569	2,802	1,264	797	396	2,457	3,363	8,622	7,389
1974	1,483	1,915	3,398	1,610	871	408	2,889	4,009	10,296	8,813
1975	1,571	2,012	3,583	2,009	1,012	411	3,432	5,006	12,021	10,450
1976	1,809	2,158	3,967	2,359	1,247	438	4,044	5,442	13,453	11,644
1977	2,155	2,535	4,690	2,449	1,538	575	4,562	5,923	15,175	13,020
1978	2,420	2,764	5,184	2,717	1,628	640	4,985	6,439	16,608	14,188
1979	2,823	3,216	6,039	3,176	1,851	671	5,698	7,203	18,940	16,117
1980	3,245	3,420	6,665	3,621	1,846	670	6,137	7,993	20,795	17,550
1981	3,537	3,671	7,208	4,086	2,105	840	7,031	8,579	22,818	19,281
1982	3,683	3,546	7,229	4,190	2,229	870	7,289	8,963	23,481	19,798
1983	3,455	3,370	6,825	3,969	2,363	883	7,215	8,950	22,990	19,535
1984	2,139	3,199	5,338	3,602	2,352	906	6,860	8,764	20,962	18,823
1985	1,989	2,709	4,698	2,982	2,347	714	6,043	8,279	19,020	17,031
1986	1,688	2,408	4,096	2,830	2,002	570	5,402	7,634	17,132	15,444
1987	1,833	2,235	4,068	2,450	1,912	357	4,719	7,099	15,886	14,053
1988	1,867	2,275	4,142	2,671	1,886	369	4,926	7,058	16,126	14,259
1989	1,883	2,448	4,331	3,076	1,929	366	5,372	7,015	16,718	14,835

1/ Current replacement cost, not original cost. 2/ Share of capital items used in the farm business. 3/ Excludes minor types of equipment charged to the miscellaneous expense category of table 25. 4/ Operator dwellings located on farm real estate only. New methods and data are used for computing operator dwelling depreciation beginning with the 1984 figures. Revised depreciation rates are lower than previous rates. Estimates are not compatible between the two periods. 5/ Includes fences, windmills, wells, and dwellings not occupied by farm operators. Land improvements are not depreciated.

Table 29--Number of farms, and net cash income, by value of sales class, 1989 1/

Item	\$500,000 and over	\$250,000 to \$499,999	\$100,000 to \$249,999	\$40,000 to \$99,999	\$20,000 to \$39,999	\$10,000 to \$19,999	Less than \$10,000
	Thousands						
Number of farms	39	74	211	303	269	256	1,019
	Million dollars						
Total:							
Gross cash income	67,393	28,203	38,262	24,355	9,673	4,582	4,989
Cash receipts from marketings	64,449	25,628	33,369	20,499	7,956	3,735	3,537
Government payments	1,237	1,996	3,509	2,442	970	430	303
Farm related income	1,707	578	1,384	1,414	747	418	1,149
Cash expenses	45,355	18,468	24,927	16,866	7,254	3,847	6,096
Net cash income	22,038	9,735	13,335	7,488	2,420	735	-1,107
	Percent						
Percent of total:							
Number of farms	1.8	3.4	9.7	14.0	12.4	11.8	46.9
Gross cash income	38.0	15.9	21.6	13.7	5.5	2.6	2.8
Cash receipts from marketings	40.5	16.1	21.0	12.9	5.0	2.3	2.2
Government payments	11.4	18.3	32.2	22.4	8.9	3.9	2.8
Farm related income	23.1	7.8	18.7	19.1	10.1	5.6	15.5
Cash expenses	36.9	15.0	20.3	13.7	5.9	3.1	5.0
Net cash income	40.3	17.8	24.4	13.7	4.4	1.3	-2.0
	Dollars						
Per farm operation 2/:							
Gross cash income	1,749,791	383,480	181,700	80,292	35,914	17,886	4,895
Cash receipts from marketings	1,673,359	348,471	158,463	67,582	29,539	14,578	3,471
Government payments	32,117	27,145	16,663	8,050	3,601	1,677	297
Farm related income	44,314	7,864	6,574	4,661	2,773	1,631	1,127
Cash expenses	1,177,586	251,113	118,373	55,605	26,931	15,017	5,982
Net cash income	572,205	132,366	63,328	24,688	8,983	2,869	-1,087

1/ See note following table 39. 2/ Farm operations may have several households sharing in the earnings of the business (e.g. partners or shareholders in farm corporations). The number of households per farm tends to increase as farm sales increase.

Table 30--Number of farms, and net cash income, by value of sales class, 1988 1/

Item	\$500,000 and over	\$250,000 to \$499,999	\$100,000 to \$249,999	\$40,000 to \$99,999	\$20,000 to \$39,999	\$10,000 to \$19,999	Less than \$10,000
	Thousands						
Number of farms	35	67	220	300	253	270	1,051
	Million dollars						
Total:							
Gross cash income	60,960	25,568	39,776	24,419	9,447	4,984	5,234
Cash receipts from marketings	58,497	22,900	33,966	19,914	7,396	3,925	3,594
Government payments	1,435	2,188	4,714	3,444	1,472	640	588
Farm related income	1,028	480	1,096	1,061	579	419	1,053
Cash expenses	40,129	16,047	24,461	15,618	6,346	3,792	5,876
Net cash income	20,830	9,521	15,315	8,800	3,101	1,192	-642
	Percent						
Percent of total:							
Number of farms	1.6	3.1	10.0	13.7	11.5	12.3	47.8
Gross cash income	35.8	15.0	23.3	14.3	5.5	2.9	3.1
Cash receipts from marketings	38.9	15.2	22.6	13.3	4.9	2.6	2.4
Government payments	9.9	15.1	32.6	23.8	10.2	4.4	4.1
Farm related income	18.0	8.4	19.2	18.6	10.1	7.3	18.4
Cash expenses	35.7	14.3	21.8	13.9	5.7	3.4	5.2
Net cash income	35.8	16.4	26.4	15.1	5.3	2.1	-1.1
	Dollars						
Per farm operation 2/:							
Gross cash income	1,736,647	379,653	181,004	81,272	37,359	18,439	4,979
Cash receipts from marketings	1,666,489	340,044	154,565	66,278	29,249	14,520	3,419
Government payments	40,874	32,484	21,452	11,461	5,821	2,368	559
Farm related income	29,284	7,124	4,987	3,532	2,289	1,551	1,001
Cash expenses	1,143,225	238,278	111,314	51,982	25,095	14,027	5,590
Net cash income	593,422	141,375	69,690	29,290	12,264	4,411	-611

1/ See note following table 39. 2/ Farm operations may have several households sharing in the earnings of the business (e.g. partners or shareholders in farm corporations). The number of households per farm tends to increase as farm sales increase.

Table 31--Number of farms, and net cash income, by value of sales class, 1987 1/

Item	\$500,000 and over	\$250,000 to \$499,999	\$100,000 to \$249,999	\$40,000 to \$99,999	\$20,000 to \$39,999	\$10,000 to \$19,999	Less than \$10,000
Thousands							
Number of farms	34	65	215	305	239	266	1,090
Million dollars							
Total:							
Gross cash income	57,632	24,359	38,959	24,679	8,727	4,779	5,153
Cash receipts from marketings	54,713	21,430	32,278	19,474	6,656	3,647	3,454
Government payments	1,535	2,483	5,636	4,213	1,501	724	653
Farm related income	1,383	445	1,044	991	570	408	1,046
Cash expenses	37,739	15,189	23,729	15,792	5,990	3,713	6,021
Net cash income	19,893	9,169	15,230	8,886	2,737	1,066	-867
Percent							
Percent of total:							
Number of farms	1.5	2.9	9.7	13.8	10.8	12.0	49.2
Gross cash income	35.1	14.8	23.7	15.0	5.3	2.9	3.1
Cash receipts from marketings	38.6	15.1	22.8	13.7	4.7	2.6	2.4
Government payments	9.2	14.8	33.7	25.2	9.0	4.3	3.9
Farm related income	23.5	7.6	17.7	16.8	9.7	6.9	17.8
Cash expenses	34.9	14.0	21.9	14.6	5.5	3.4	5.6
Net cash income	35.5	16.3	27.1	15.8	4.9	1.9	-1.5
Dollars							
Per farm operation 2/:							
Gross cash income	1,697,906	375,817	181,459	80,958	36,485	17,991	4,729
Cash receipts from marketings	1,611,922	330,639	150,344	63,885	27,824	13,730	3,169
Government payments	45,234	38,312	26,252	13,822	6,277	2,725	599
Farm related income	40,751	6,865	4,863	3,251	2,384	1,536	960
Cash expenses	1,111,835	234,349	110,522	51,806	25,042	13,977	5,524
Net cash income	586,071	141,468	70,937	29,152	11,443	4,014	-796

1/ See note following table 39. 2/ Farm operations may have several households sharing in the earnings of the business (e.g. partners or shareholders in farm corporations). The number of households per farm tends to increase as farm sales increase.

Table 32--Number of farms, and net cash income, by value of sales class, 1986 1/

Item	: \$500,000 and over	: \$250,000 to \$499,999	: \$100,000 to \$249,999	: \$40,000 to \$99,999	: \$20,000 to \$39,999	: \$10,000 to \$19,999	: Less than \$10,000
	Thousands						
Number of farms	30	70	217	305	247	281	1,100
	Million dollars						
Total:							
Gross cash income	49,170	25,250	37,053	22,995	8,422	4,576	4,523
Cash receipts from marketings	47,092	23,055	32,369	19,098	6,649	3,681	3,253
Government payments	1,025	1,755	3,787	3,015	1,308	536	387
Farm related income	1,052	440	898	881	465	360	883
Cash expenses	32,540	16,507	24,263	15,894	6,199	3,909	5,930
Net cash income	16,630	8,742	12,790	7,101	2,223	667	-1,407
	Percent						
Percent of total:							
Number of farms	1.3	3.1	9.7	13.5	11.0	12.5	48.9
Gross cash income	32.4	16.6	24.4	15.1	5.5	3.0	3.0
Cash receipts from marketings	34.8	17.1	23.9	14.1	4.9	2.7	2.4
Government payments	8.7	14.9	32.1	25.5	11.1	4.5	3.3
Farm related income	21.1	8.8	18.0	17.7	9.3	7.2	17.7
Cash expenses	30.9	15.7	23.1	15.1	5.9	3.7	5.6
Net cash income	35.6	18.7	27.4	15.2	4.8	1.4	-3.0
	Dollars						
Per farm operation 2/:							
Gross cash income	1,644,581	361,800	170,523	75,454	34,091	16,300	4,111
Cash receipts from marketings	1,575,101	330,349	148,963	62,667	26,913	13,110	2,957
Government payments	34,291	25,151	17,426	9,895	5,295	1,908	352
Farm related income	35,188	6,300	4,133	2,892	1,884	1,282	802
Cash expenses	1,088,358	236,533	111,660	52,155	25,094	13,923	5,390
Net cash income	556,223	125,267	58,863	23,299	8,997	2,376	-1,279

1/ See note following table 39. 2/ Farm operations may have several households sharing in the earnings of the business (e.g. partners or shareholders in farm corporations). The number of households per farm tends to increase as farm sales increase.

Table 33--Number of farms, and net cash income, by value of sales class, 1985 1/

Item	\$500,000 and over	\$250,000 to \$499,999	\$100,000 to \$249,999	\$40,000 to \$99,999	\$20,000 to \$39,999	\$10,000 to \$19,999	Less than \$10,000
				Thousands			
Number of farms	27	76	223	328	244	282	1,112
				Million dollars			
Total:							
Gross cash income	45,438	28,771	39,457	25,555	8,541	4,735	4,660
Cash receipts from marketings	43,462	26,763	36,051	22,733	7,361	4,125	3,620
Government payments	837	1,470	2,450	1,842	702	228	175
Farm-related income	1,139	539	957	980	477	382	865
Cash expenses	29,939	18,739	26,004	17,942	6,442	4,100	6,119
Net cash income	15,499	10,032	13,453	7,613	2,098	636	-1,459
				Percent			
Percent of total:							
Number of farms	1.2	3.3	9.7	14.3	10.7	12.3	48.5
Gross cash income	28.9	18.3	25.1	16.3	5.4	3.0	3.0
Cash receipts from marketings	30.2	18.6	25.0	15.8	5.1	2.9	2.5
Government payments	10.9	19.1	31.8	23.9	9.1	3.0	2.3
Farm-related income	21.3	10.1	17.9	18.4	8.9	7.2	16.2
Cash expenses	27.4	17.1	23.8	16.4	5.9	3.8	5.6
Net cash income	32.4	21.0	28.1	15.9	4.4	1.3	-3.0
				Dollars			
Per farm operation: 2/							
Gross cash income	1,665,734	376,733	176,956	77,929	34,974	16,790	4,192
Cash receipts from marketings	1,593,283	350,432	161,679	69,324	30,146	14,626	3,256
Government payments	30,691	19,242	10,987	5,616	2,877	810	157
Farm related income	41,760	7,059	4,290	2,988	1,952	1,355	778
Cash expenses	1,097,559	245,374	116,621	54,713	26,382	14,537	5,504
Net cash income	568,174	131,359	60,336	23,215	8,593	2,253	-1,312

1/ See note following table 39. 2/ Farm operations may have several households sharing in the earnings of the business (for example, partners or shareholders in farm corporations). The number of households per farm tends to increase as farm sales increase.

Table 34--Number of farms, and net cash income, by value of sales class, 1984 1/

Item	\$500,000 and over	\$250,000 to \$499,999	\$100,000 to \$249,999	\$40,000 to \$99,999	\$20,000 to \$39,999	\$10,000 to \$19,999	Less than \$10,000
	Thousands						
Number of farms	32	77	230	345	248	267	1,134
	Million dollars						
Total:							
Gross cash income	50,613	27,132	37,442	24,064	7,654	4,125	4,501
Cash receipts from marketings	48,601	25,079	33,729	21,487	6,750	3,578	3,558
Government payments	1,077	1,590	2,991	1,826	544	231	171
Farm-related income	934	462	721	751	359	316	772
Cash expenses	35,576	19,534	27,598	19,326	6,678	3,948	6,309
Net cash income	15,037	7,598	9,844	4,738	976	177	-1,808
	Percent						
Percent of total:							
Number of farms	1.4	3.3	9.9	14.8	10.6	11.4	48.6
Gross cash income	32.5	17.4	24.1	15.5	4.9	2.7	2.9
Cash receipts from marketings	34.0	17.6	23.6	15.0	4.7	2.5	2.5
Government payments	12.8	18.9	35.5	21.7	6.5	2.7	2.0
Farm-related income	21.6	10.7	16.7	17.4	8.3	7.3	17.9
Cash expenses	29.9	16.4	23.2	16.2	5.6	3.3	5.3
Net cash income	41.1	20.8	26.9	13.0	2.7	0.5	-4.9
	Dollars						
Per farm operation: 2/							
Gross cash income	1,567,829	350,150	162,493	69,851	30,890	15,444	3,968
Cash receipts from marketings	1,505,529	323,663	146,381	62,371	27,243	13,397	3,137
Government payments	33,360	20,524	12,981	5,300	2,196	864	151
Farm-related income	28,941	5,963	3,131	2,180	1,451	1,184	680
Cash expenses	1,102,030	252,095	119,770	56,098	26,952	14,782	5,563
Net cash income	465,799	98,055	42,723	13,753	3,938	663	-1,594

1/ See note following table 39. 2/ Farm operations may have several households sharing in the earnings of the business (for example, partners or shareholders in farm corporations). The number of households per farm tends to increase as farm sales increase.

Table 35--Number of farms, and net cash income, by value of sales class, 1983 1/

Item	\$500,000 and over	\$250,000 to \$499,999	\$100,000 to \$249,999	\$40,000 to \$99,999	\$20,000 to \$39,999	\$10,000 to \$19,999	Less than \$10,000
				Thousands			
Number of farms	23	64	240	352	289	264	1,148
				Million dollars			
Total:							
Gross cash income	39,834	24,478	41,547	26,272	9,461	4,375	4,584
Cash receipts from marketings	37,615	22,298	37,595	23,421	8,389	3,774	3,678
Government payments	1,107	1,769	3,202	2,045	669	290	214
Farm-related income	1,113	410	750	806	404	310	693
Cash expenses	27,129	16,826	29,408	19,778	7,723	3,876	6,273
Net cash income	12,705	7,652	12,139	6,494	1,738	499	-1,689
				Percent			
Percent of total:							
Number of farms	0.9	2.7	10.1	14.8	12.2	11.1	48.3
Gross cash income	26.5	16.3	27.6	17.5	6.3	2.9	3.0
Cash receipts from marketings	27.5	16.3	27.5	17.1	6.1	2.8	2.7
Government payments	11.9	19.0	34.4	22.0	7.2	3.1	2.3
Farm-related income	24.8	9.1	16.7	18.0	9.0	6.9	15.4
Cash expenses	24.4	15.2	26.5	17.8	7.0	3.5	5.7
Net cash income	32.1	19.4	30.7	16.4	4.4	1.3	-4.3
				Dollars			
Per farm operation 2/:							
Gross cash income	1,769,154	384,803	173,276	74,646	32,720	16,591	3,993
Cash receipts from marketings	1,670,581	350,543	156,794	66,546	29,012	14,314	3,204
Government payments	49,163	27,809	13,353	5,810	2,312	1,100	186
Farm-related income	49,410	6,451	3,129	2,289	1,396	1,177	603
Cash expenses	1,204,874	264,515	122,649	56,194	26,710	14,700	5,465
Net cash income	564,280	120,288	50,627	18,451	6,010	1,892	-1,472

1/ See note following table 39. 2/ Farm operations may have several households sharing in the earnings of the business (for example, partners or shareholders in farm corporations). The number of households per farm tends to increase as farm sales increase.

Table 36--Number of farms, and net cash income, by value of sales class, 1982 1/

Item	\$500,000 and over	\$250,000 to \$499,999	\$100,000 to \$249,999	\$40,000 to \$99,999	\$20,000 to \$39,999	\$10,000 to \$19,999	Less than \$10,000
	Thousands						
Number of farms	30	63	232	358	267	278	1,178
	Million dollars						
Total:							
Gross cash income	47,609	22,403	37,610	25,483	8,464	4,415	4,621
Cash receipts from marketings	46,059	21,594	35,873	23,612	7,738	3,955	3,731
Government payments	293	387	1,005	1,065	355	146	241
Farm-related income	1,257	421	733	806	371	314	650
Cash expenses	32,873	15,912	27,398	19,478	6,963	3,963	6,164
Net cash income	14,735	6,491	10,212	6,005	1,500	452	-1,543
	Percent						
Percent of total:							
Number of farms	1.2	2.6	9.6	14.9	11.1	11.6	49.0
Gross cash income	31.6	14.9	25.0	16.9	5.6	2.9	3.1
Cash receipts from marketings	32.3	15.1	25.2	16.6	5.4	2.8	2.6
Government payments	8.4	11.1	28.8	30.5	10.2	4.2	6.9
Farm-related income	27.6	9.3	16.1	17.7	8.2	6.9	14.3
Cash expenses	29.2	14.1	24.3	17.3	6.2	3.5	5.5
Net cash income	38.9	17.1	27.0	15.9	4.0	1.2	-4.1
	Dollars						
Per farm operation: 2/							
Gross cash income	1,593,541	355,322	162,087	71,261	31,651	15,860	3,922
Cash receipts from marketings	1,541,667	342,494	154,599	66,030	28,937	14,208	3,166
Government payments	9,805	6,144	4,330	2,978	1,326	526	204
Farm-related income	42,070	6,683	3,159	2,253	1,388	1,127	552
Cash expenses	1,100,329	252,376	118,077	54,469	26,040	14,236	5,232
Net cash income	493,212	102,946	44,010	16,792	5,611	1,624	-1,309

1/ See note following table 39. 2/ Farm operations may have several households sharing in the earnings of the business (for example, partners or shareholders in farm corporations). The number of households per farm tends to increase as farm sales increase.

Table 37--Number of farms, and net cash income, by value of sales class, 1981 1/

Item	\$500,000 and over	\$200,000 to \$499,999	\$100,000 to \$199,999	\$40,000 to \$99,999	\$20,000 to \$39,999	\$10,000 to \$19,999	Less than \$10,000
	Thousands						
Number of farms	27	92	182	359	276	286	1,218
	Million dollars						
Total:							
Gross cash income	42,837	31,580	28,867	25,227	8,548	4,459	4,505
Cash receipts from marketings	42,472	30,918	28,052	24,152	8,140	4,086	3,795
Government payments	148	316	441	599	206	84	139
Farm-related income	217	346	374	476	202	289	571
Cash expenses	29,191	22,944	21,545	20,335	7,588	4,440	7,202
Net cash income	13,647	8,636	7,322	4,892	960	19	-2,697
	Percent						
Percent of total:							
Number of farms	1.1	3.8	7.5	14.7	11.3	11.7	49.9
Gross cash income	29.3	21.6	19.8	17.3	5.9	3.1	3.1
Cash receipts from marketings	30.0	21.8	19.8	17.1	5.7	2.9	2.7
Government payments	7.7	16.3	22.8	31.0	10.7	4.3	7.2
Farm-related income	8.8	14.0	15.1	19.2	8.2	11.7	23.1
Cash expenses	25.8	20.3	19.0	18.0	6.7	3.9	6.4
Net cash income	41.6	26.3	22.3	14.9	2.9	0.1	-8.2
	Dollars						
Per farm operation: 2/							
Gross cash income	1,586,556	343,261	158,610	70,270	30,971	15,591	3,699
Cash receipts from marketings	1,573,037	336,065	154,132	67,276	29,493	14,287	3,116
Government payments	5,481	3,435	2,423	1,669	746	294	114
Farm-related income	8,037	3,761	2,055	1,326	732	1,010	469
Cash expenses	1,081,148	249,391	118,379	56,643	27,493	15,524	5,913
Net cash income	505,444	93,870	40,231	13,627	3,478	66	-2,214

1/ See note following table 39. 2/ Farm operations may have several households sharing in the earnings of the business (for example, partners or shareholders in farm corporations). The number of households per farm tends to increase as farm sales increase.

Table 38--Number of farms, and net cash income, by value of sales class, 1980 1/

Item	\$500,000 and over	\$200,000 to \$499,999	\$100,000 to \$199,999	\$40,000 to \$99,999	\$20,000 to \$39,999	\$10,000 to \$19,999	Less than \$10,000
	Thousands						
Number of farms	24	81	166	355	282	289	1,243
	Million dollars						
Total:							
Gross cash income	40,513	28,600	27,724	26,982	9,575	4,955	4,946
Cash receipts from marketings	40,244	28,117	27,118	26,121	9,230	4,616	4,290
Government payments	91	195	282	414	146	59	98
Farm-related income	178	288	324	447	199	280	558
Cash expenses	28,213	20,749	20,067	20,423	7,859	4,536	7,249
Net cash income	12,300	7,851	7,657	6,559	1,717	420	-2,304
	Percent						
Percent of total:							
Number of farms	1.0	3.3	6.8	14.5	11.6	11.8	50.9
Gross cash income	28.3	20.0	19.3	18.8	6.7	3.5	3.5
Cash receipts from marketings	28.8	20.1	19.4	18.7	6.6	3.3	3.1
Government payments	7.1	15.2	21.9	32.2	11.4	4.6	7.6
Farm-related income	7.8	12.7	14.2	19.7	8.8	12.3	24.5
Cash expenses	25.9	19.0	18.4	18.7	7.2	4.2	6.6
Net cash income	36.0	23.0	22.4	19.2	5.0	1.2	-6.7
	Dollars						
Per farm operation: 2/							
Gross cash income	1,688,042	353,086	167,012	76,006	33,954	17,145	3,979
Cash receipts from marketings	1,676,833	347,123	163,361	73,580	32,730	15,972	3,451
Government payments	3,792	2,407	1,699	1,166	518	204	79
Farm-related income	7,417	3,556	1,952	1,259	706	969	449
Cash expenses	1,175,542	256,160	120,886	57,530	27,869	15,696	5,832
Net cash income	512,500	96,926	46,127	18,476	6,089	1,453	-1,854

1/ See note following table 39. 2/ Farm operations may have several households sharing in the earnings of the business (for example, partners or shareholders in farm corporations). The number of households per farm tends to increase as farm sales increase.

Table 39--Off-farm cash income of the principal farm operator and family, by value of sales class, 1980-89 1/

Year	\$500,000 and over	\$250,000 to \$499,999	\$100,000 to \$249,999	\$40,000 to \$99,999	\$20,000 to \$39,999	\$10,000 to \$19,999	Less than \$10,000
Million dollars							
Total:							
1980	469	887	1,526	3,118	3,148	4,261	21,285
1981	497	1,009	1,723	3,215	3,268	4,392	21,697
1982	509	700	2,282	3,277	3,345	4,472	21,843
1983	451	714	2,312	3,224	3,345	4,442	22,531
1984	470	896	2,482	3,446	3,528	4,771	23,586
1985	618	1,138	2,897	5,872	5,325	7,112	32,198
1986	901	1,219	3,056	4,779	4,547	6,803	33,242
1987	913	1,991	3,470	5,344	6,056	7,370	31,713
1988	1,138	1,643	4,140	5,710	6,513	6,693	31,868
1989	1,060	1,530	3,699	6,054	6,333	6,983	31,840
Percent							
Percentage distribution:							
1980	1.4	2.6	4.4	9.0	9.1	12.3	61.4
1981	1.4	2.8	4.8	9.0	9.1	12.3	60.6
1982	1.4	1.9	6.3	9.0	9.2	12.3	60.0
1983	1.2	1.9	6.2	8.7	9.0	12.0	60.9
1984	1.2	2.3	6.3	8.8	9.0	12.2	60.2
1985	1.1	2.1	5.3	10.6	9.7	12.9	58.4
1986	1.7	2.2	5.6	8.8	8.3	12.5	60.9
1987	1.6	3.5	6.1	9.4	10.7	13.0	55.8
1988	2.0	2.8	7.2	9.9	11.3	11.6	55.2
1989	1.8	2.7	6.4	10.5	11.0	12.1	55.4
Dollars							
Per family:							
1980	19,818	10,936	9,177	8,787	11,171	14,742	17,127
1981	18,406	11,002	9,489	8,961	11,819	15,376	17,802
1982	17,035	11,102	9,833	9,164	12,510	16,064	18,539
1983	20,044	11,230	9,641	9,159	11,569	16,848	19,627
1984	14,551	11,560	10,773	10,003	14,237	17,864	20,794
1985	22,646	14,900	12,994	17,906	21,808	25,216	28,962
1986	30,133	17,473	14,063	15,680	18,408	24,231	30,212
1987	26,908	30,718	16,161	17,530	25,319	27,745	29,098
1988	32,421	24,395	18,841	19,004	25,758	24,762	30,313
1989	27,517	20,804	17,564	19,958	23,511	27,258	31,245

1/ Starting with 1985 the survey question on off-farm income was changed so that farmers reported the appropriate range of their off-farm income rather than their actual income. As the result of the change in the question, more farmers reported their off-farm income. See footnotes for table 6 for more information.

Value of Agricultural Sales Class Estimation Note

The categorization of farms into sales classes is based on the gross market value of all agricultural products that are sold, placed under the CCC loan program, or otherwise removed from the farm. It includes the gross market value of all products sold regardless of who receives payment. It excludes the value of direct Government payments, farm-related income, and nonmoney income.

The estimates by sales class are based on information from many sources. The majority of data used to compute the sales class accounts are derived from the *Census of Agriculture* and the annual Farm Costs and Returns Survey (FCRS). More specifically, annual farm income and expense items are generally distributed to sales classes based on per farm benchmarks from the last census. Because our data are based on the census our sales class

definitions follow census's definition. Census data are collected every 4 or 5 years, and there is a considerable lag in their availability. Estimates for years following 1987 are based on the 1987 census benchmarks by sales class. Therefore, these estimates may be subject to substantial revisions when data from the next census become available. The distribution of Government payments to sales classes for 1983-89 are based on FCRS survey data.

Because information is not available to prorate inventory adjustment by sales class, the net farm income figures before inventory adjustment along with the gross income and expenses for this account were discontinued. Without the value of inventory adjustment the net farm income account by value of sales class does not measure any meaningful economic concept.

Table 40--Summary of the farm sector balance sheet (excluding operator households),
December 31, 1985-89

Item	1985	1986	1987	1988	1989
Billion dollars					
Farm assets	728.3	690.1	719.1	763.5	793.9
Real estate 1/	540.8	507.3	525.4	555.4	577.6
Livestock and poultry 2/	46.3	47.8	58.0	65.5	69.7
Machinery and motor vehicles 3/	83.8	81.9	79.4	80.6	83.8
Crops 4/	22.9	16.7	18.0	23.0	23.5
Purchased inputs	1.3	2.0	3.3	3.4	2.8
Financial assets 5/	33.3	34.5	35.1	35.4	36.6
Farm debt	173.9	154.2	142.0	137.6	135.6
Real estate 6/	96.4	87.7	79.9	75.8	73.8
Nonreal estate 7/	77.5	66.6	62.0	61.7	61.8
Equity	554.3	535.9	577.2	625.9	658.3
Percent					
Financial indicators:					
Change during year in--					
Assets	-9	-5	4	6	4
Debt	-8	-11	-8	-3	-1
Equity	-9	-3	8	8	5
Ratio					
Ratios:					
Equity/assets	76	78	80	82	83
Debt/equity	31	29	25	22	21
Debt/assets	24	22	20	18	17

1/ Excludes value of operator dwellings. 2/ Excludes horses, mules, and broilers.
3/ Includes only farm share value for autos and trucks. 4/ Non-CCC crops held on farms
plus value above loan rate for crops held under CCC. 5/ Excludes time deposits and
U.S. savings bonds. 6/ Excludes debt on operator dwellings, but includes CCC storage
and drying facilities loans. 7/ Excludes debt for nonfarm purposes.

Table 42--Farm sector balance sheet components (excluding operator households) as a percentage of total assets and debt, December 31, selected years, 1950-89

Item	:	1950	:	1960 1/	:	1970	:	1980	:	1987	:	1988	:	1989
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NA = not available. 1/ Data for 50 States beginning in December 1959. 2/ Non-CCC crops held on farms plus value above loan rate for crops held under CCC. 3/ Includes CCC storage and drying facilities loans.

Table 43--Farm sector balance sheet components (including operator households) as a percentage of total assets and debt, December 31, selected years, 1950-89

Item	:	1950	:	1960 1/	:	1970	:	1980	:	1987	:	1988	:	1989
	:		:		:		:		:		:		:	
	:	Percent												
Physical assets:	:													
Real estate	:	58.2		66.3		69.3		78.1		71.4		70.9		70.8
Nonreal estate--	:													
Livestock and poultry	:	11.2		7.4		7.3		5.6		6.5		7.0		7.2
Machinery and motor vehicles	:	9.2		10.5		10.6		8.0		9.5		9.1		9.1
Crops 2/	:	4.7		3.2		2.6		2.9		2.0		2.5		2.4
Purchased inputs	:	NA		NA		NA		NA		0.4		0.4		0.3
Household equipment and furnishings	:	6.3		4.1		3.1		1.8		3.7		3.9		4.3
Financial assets:	:													
Investments in cooperatives	:	1.5		2.1		2.2		1.8		2.9		2.7		2.7
Other	:	9.0		6.3		4.9		1.8		3.5		3.5		3.3
Total assets	:	100.0		100.0		100.0		100.0		100.0		100.0		100.0
Debt:	:													
Real estate 3/	:	50.0		51.8		57.8		54.6		57.1		55.8		55.1
Nonreal estate	:	50.0		48.2		42.2		45.4		42.9		44.2		44.9
Total debt	:	100.0		100.0		100.0		100.0		100.0		100.0		100.0

NA = not available. 1/ Data for 50 States beginning in December 1959. 2/ Non-CCC crops held on farms plus value above loan rate for crops held under CCC. 3/ Includes CCC storage and drying facilities loans.

Table 44--Farm sector balance sheet components (excluding operator households), December 31, 1945-89

	Physical assets					Financial assets		
Year	Nonreal estate					Invest- ments in coop- eratives	Other	Total assets
	Real estate	Livestock and poultry	Machinery and motor vehicles	Crops	Purchased inputs			
Billion dollars								
1945	51.5	9.7	4.9	6.0	NA	1.4	7.4	81.0
1946	58.5	11.9	4.7	7.0	NA	1.5	8.0	91.8
1947	62.5	13.3	6.4	8.9	NA	1.7	7.8	100.6
1948	64.5	14.4	9.0	7.4	NA	1.9	7.5	104.7
1949	63.4	12.9	10.8	5.9	NA	2.1	7.0	102.0
1950	75.4	17.1	12.3	7.1	NA	2.3	7.0	121.2
1951	83.8	19.5	14.3	8.2	NA	2.5	7.3	135.7
1952	85.1	14.8	15.0	7.9	NA	2.7	7.1	132.6
1953	84.3	11.7	15.6	6.8	NA	2.9	7.0	128.2
1954	87.8	11.2	15.7	7.5	NA	3.0	6.9	132.2
1955	93.0	10.6	16.3	6.5	NA	3.2	6.9	136.5
1956	100.3	11.0	16.9	6.8	NA	3.5	6.7	145.2
1957	106.4	13.9	17.0	6.4	NA	3.7	6.6	154.0
1958	114.6	17.7	18.1	6.9	NA	3.9	6.9	168.2
1959	121.2	15.2	19.3	6.6	NA	4.2	6.2	172.9
1960	123.3	15.6	19.0	6.7	NA	4.5	5.8	174.9
1961	129.1	16.4	19.2	7.0	NA	4.8	5.9	182.4
1962	134.6	17.3	19.8	7.3	NA	5.0	5.9	189.9
1963	142.4	15.9	20.2	7.9	NA	5.4	5.7	197.5
1964	150.5	14.5	21.1	7.7	NA	5.6	5.8	205.2
1965	161.5	17.6	22.2	8.3	NA	5.9	6.0	221.5
1966	171.2	19.0	23.8	8.9	NA	6.2	6.0	235.1
1967	180.9	18.8	26.1	8.3	NA	6.4	6.1	246.6
1968	189.3	20.2	27.5	8.1	NA	6.7	6.3	258.1
1969	195.3	23.5	28.4	8.4	NA	6.2	6.4	268.2
1970	202.4	23.7	30.0	8.4	NA	7.0	6.5	278.1
1971	217.6	27.3	32.1	10.0	NA	7.8	6.7	301.4
1972	243.0	33.7	34.4	13.0	NA	8.7	6.9	339.7
1973	298.3	42.4	39.5	21.5	NA	9.8	7.1	418.5
1974	335.6	24.6	48.3	23.1	NA	10.3	6.9	448.7
1975	383.6	29.4	57.2	21.2	NA	12.0	6.9	510.2
1976	456.5	29.0	63.1	21.5	NA	13.3	6.9	590.5
1977	509.3	31.9	69.6	21.8	NA	13.5	7.0	653.1
1978	601.8	50.1	69.2	25.0	NA	16.1	7.1	769.4
1979	706.1	61.4	76.3	28.4	NA	18.1	7.3	897.6
1980	782.4	60.6	81.5	31.9	NA	19.3	7.4	983.0
1981	784.7	53.5	87.0	29.0	NA	20.6	7.6	982.4
1982	748.8	53.0	87.5	26.1	NA	21.9	7.8	945.2
1983	758.2	49.5	87.4	24.0	NA	22.8	8.1	950.1
1984 1/	610.3	49.5	86.0	26.2	2.6	24.3	8.3	807.2
1985	540.8	46.3	83.8	22.9	1.3	24.3	9.0	728.3
1986	507.3	47.8	81.9	16.7	2.0	24.4	10.0	690.1
1987	525.4	58.0	79.4	18.0	3.3	25.3	9.9	719.1
1988	555.4	65.5	80.6	23.0	3.4	25.1	10.4	763.5
1989	577.6	69.7	83.8	23.5	2.8	26.1	10.4	793.9

See footnote at end of table.

continued--

Table 44--Farm sector balance sheet components (excluding operator households),
December 31, 1945-89--continued

	Liabilities			Proprietors'	Total	Debt-to-
Year	Real	Nonreal	Total	equity	claims	asset ratio
	estate	estate	liabilities			
	debt	debt				
----- Billion dollars -----						
						Percent
1945	4.1	2.6	6.7	74.3	81.0	8.3
1946	4.2	3.2	7.4	84.4	91.8	8.0
1947	4.3	3.8	8.1	92.5	100.6	8.0
1948	4.5	4.6	9.1	95.6	104.7	8.7
1949	4.7	4.8	9.5	92.5	102.0	9.3
1950	5.2	5.7	10.9	110.3	121.2	9.0
1951	5.7	6.9	12.5	123.1	135.7	9.2
1952	6.2	7.1	13.3	119.3	132.6	10.0
1953	6.6	6.3	12.9	115.3	128.2	10.1
1954	7.1	6.7	13.8	118.4	132.2	10.4
1955	7.8	7.3	15.1	121.4	136.5	11.1
1956	8.5	7.4	15.9	129.3	145.2	11.0
1957	9.0	8.2	17.2	136.8	154.0	11.2
1958	9.7	9.4	19.1	149.1	168.2	11.3
1959	10.6	10.7	21.4	151.5	172.9	12.4
1960	11.3	11.1	22.5	152.5	174.9	12.8
1961	12.3	11.8	24.1	158.3	182.4	13.2
1962	13.5	13.2	26.7	163.2	189.9	14.0
1963	15.0	14.5	29.5	168.0	197.5	14.9
1964	16.9	15.3	32.2	173.0	205.2	15.7
1965	19.0	16.9	35.8	185.7	221.5	16.2
1966	20.7	18.5	39.2	195.9	235.1	16.7
1967	22.6	19.6	42.2	204.4	246.6	17.1
1968	24.7	19.2	43.9	214.2	258.1	17.0
1969	26.4	20.0	46.4	221.8	268.2	17.3
1970	27.5	21.2	48.8	229.4	278.1	17.5
1971	29.3	24.0	53.2	248.1	301.4	17.7
1972	32.0	26.7	58.7	281.0	339.7	17.3
1973	36.1	31.6	67.6	350.9	418.5	16.2
1974	40.8	35.1	75.9	372.9	448.7	16.9
1975	45.3	39.7	85.0	425.2	510.2	16.7
1976	50.5	45.6	96.1	494.4	590.5	16.3
1977	58.4	52.4	110.9	542.2	653.1	17.0
1978	66.7	60.7	127.4	642.0	769.4	16.6
1979	79.7	71.8	151.6	746.0	897.6	16.9
1980	89.6	77.1	166.8	816.2	983.0	17.0
1981	98.7	83.6	182.3	800.1	982.4	18.6
1982	102.5	87.0	189.5	755.7	945.2	20.0
1983	104.8	87.9	192.7	757.4	950.1	20.3
1984 1/	102.8	87.1	189.9	617.4	807.2	23.5
1985	96.4	77.5	173.9	554.3	728.3	23.9
1986	87.7	66.6	154.2	535.9	690.1	22.4
1987	79.9	62.0	142.0	577.2	719.1	19.7
1988	75.8	61.7	137.6	625.9	763.5	18.0
1989	73.8	61.8	135.6	658.3	793.9	17.1

NA = not available. 1/ Beginning in 1984, building values, which affect the relationship between the operator household real estate accounts, are derived from the USDA's Farm Costs and Returns Survey.

Table 45--Farm sector balance sheet components (including operator households), December 31, 1945-89

Year	Physical assets					Financial assets			Total assets
	Nonreal estate					Invest-			
	Real	Livestock	Machinery		Purchased	Household	in coop-	Other	
	estate	and	and motor	Crops	inputs	equipment &	eratives		
		poultry	vehicles			furnishings			
Billion dollars									
1945	60.5	9.7	5.4	6.0	NA	5.6	1.4	13.5	102.1
1946	68.7	11.9	5.3	7.0	NA	7.2	1.5	14.4	116.1
1947	73.5	13.3	7.4	8.9	NA	8.1	1.7	14.3	127.1
1948	76.0	14.4	10.1	7.4	NA	8.9	1.9	14.2	132.9
1949	75.1	12.9	12.2	5.9	NA	8.4	2.1	13.8	130.3
1950	88.9	17.1	14.1	7.1	NA	9.6	2.3	13.8	152.9
1951	98.7	19.5	16.7	8.2	NA	10.0	2.5	14.1	169.7
1952	100.0	14.8	17.4	7.9	NA	9.6	2.7	14.1	166.4
1953	98.9	11.7	18.4	6.8	NA	9.5	2.9	14.2	162.4
1954	102.5	11.2	18.7	7.5	NA	9.7	3.0	14.4	167.0
1955	108.2	10.6	19.3	6.5	NA	10.0	3.2	14.6	172.5
1956	116.1	11.0	20.2	6.8	NA	9.6	3.5	14.4	181.7
1957	122.7	13.9	20.1	6.4	NA	9.6	3.7	14.6	191.0
1958	131.5	17.7	21.8	6.9	NA	9.4	3.9	15.1	206.4
1959	138.4	15.2	22.7	6.6	NA	9.2	4.2	13.8	210.3
1960	139.7	15.6	22.2	6.7	NA	8.7	4.5	13.3	210.7
1961	145.8	16.4	22.5	7.0	NA	8.9	4.8	13.3	218.8
1962	151.5	17.3	23.5	7.3	NA	8.8	5.0	13.6	226.9
1963	159.7	15.9	23.9	7.9	NA	8.8	5.4	13.5	235.0
1964	168.7	14.5	24.8	7.7	NA	8.4	5.6	13.8	243.6
1965	180.8	17.6	26.0	8.3	NA	8.4	5.9	14.1	261.0
1966	190.7	19.0	27.4	8.9	NA	8.3	6.2	14.2	274.8
1967	201.4	18.8	29.8	8.3	NA	8.8	6.4	14.7	288.2
1968	211.0	20.2	31.3	8.1	NA	9.4	6.7	15.2	301.9
1969	217.1	23.5	32.3	8.4	NA	9.6	6.2	15.6	312.7
1970	224.5	23.7	34.4	8.4	NA	10.0	7.0	16.0	324.0
1971	240.9	27.3	36.7	10.0	NA	10.8	7.8	16.8	350.3
1972	268.7	33.7	39.3	13.0	NA	11.9	8.7	18.0	393.3
1973	329.2	42.4	44.2	21.5	NA	12.3	9.8	19.0	478.3
1974	369.5	24.6	53.6	23.1	NA	14.0	10.3	17.8	512.9
1975	421.0	29.4	63.1	21.2	NA	14.2	12.0	18.4	579.2
1976	499.8	29.0	70.1	21.5	NA	15.2	13.3	18.7	667.6
1977	556.5	31.9	76.4	21.8	NA	17.2	13.5	19.0	736.3
1978	656.0	50.1	76.4	25.0	NA	20.0	16.1	19.7	863.3
1979	767.8	61.4	82.9	28.4	NA	21.5	18.1	19.9	1,000.1
1980	850.1	60.6	86.9	31.9	NA	19.4	19.3	20.0	1,088.2
1981	851.7	53.5	92.5	29.0	NA	20.8	20.6	20.3	1,088.4
1982	812.2	53.0	92.6	26.1	NA	23.0	21.9	20.9	1,049.0
1983	821.8	49.5	92.1	24.0	NA	24.4	22.8	21.8	1,056.4
1984	727.7	49.5	91.1	26.2	2.6	24.3	24.3	23.4	969.2
1985	650.0	46.3	88.3	22.9	1.3	27.8	24.3	25.0	885.8
1986	606.0	47.8	86.1	16.7	2.0	28.7	24.4	29.4	841.0
1987	633.5	58.0	84.5	18.0	3.3	32.9	25.3	31.4	886.8
1988	665.8	65.5	85.7	23.0	3.4	37.0	25.1	32.9	938.5
1989	688.1	69.7	88.2	23.5	2.8	41.3	26.1	32.5	972.2

See footnote at end of table.

continued--

Table 45--Farm sector balance sheet components (including operator households),
December 31, 1945-89--continued

	Liabilities			Proprietors'	Total	Debt-to-
Year	Real	Nonreal	Total	equity	claims	asset ratio
	estate	estate	liabilities			
	debt	debt				
----- Billion dollars -----						
						Percent
1945	4.8	2.9	7.6	94.5	102.1	7.5
1946	4.9	3.5	8.3	107.7	116.1	7.2
1947	5.1	4.1	9.2	118.0	127.1	7.2
1948	5.3	4.9	10.2	122.7	132.9	7.7
1949	5.6	5.2	10.7	119.6	130.3	8.2
1950	6.1	6.1	12.3	140.7	152.9	8.0
1951	6.7	7.4	14.1	155.6	169.7	8.3
1952	7.3	7.7	14.9	151.5	166.4	9.0
1953	7.8	6.8	14.6	147.8	162.4	9.0
1954	8.3	7.2	15.5	151.5	167.0	9.3
1955	9.0	7.9	17.0	155.5	172.5	9.8
1956	9.9	8.0	17.8	163.9	181.7	9.8
1957	10.4	8.8	19.2	171.8	191.0	10.1
1958	11.1	10.1	21.2	185.2	206.4	10.3
1959	12.1	11.5	23.7	186.6	210.3	11.2
1960	12.9	12.0	24.8	185.9	210.7	11.8
1961	14.0	12.7	26.7	192.1	218.8	12.2
1962	15.2	14.2	29.4	197.5	226.9	13.0
1963	16.9	15.6	32.5	202.5	235.0	13.8
1964	18.9	16.4	35.3	208.2	243.6	14.5
1965	21.2	18.1	39.3	221.7	261.0	15.1
1966	23.1	19.8	42.9	231.9	274.8	15.6
1967	25.2	20.8	46.0	242.2	288.2	16.0
1968	27.5	20.4	47.9	254.0	301.9	15.9
1969	29.4	21.2	50.5	262.2	312.7	16.2
1970	30.5	22.3	52.8	271.3	324.0	16.3
1971	32.4	25.1	57.5	292.8	350.3	16.4
1972	35.4	28.0	63.3	329.9	393.3	16.1
1973	39.8	33.1	72.9	405.5	478.3	15.2
1974	44.9	36.7	81.7	431.3	512.9	15.9
1975	49.9	41.6	91.5	487.7	579.2	15.8
1976	55.4	47.8	103.2	564.5	667.6	15.5
1977	63.9	55.0	118.9	617.4	736.3	16.2
1978	72.8	63.8	136.6	726.7	863.3	15.8
1979	86.8	75.7	162.5	837.6	1,000.1	16.2
1980	97.5	81.2	178.7	909.5	1,088.2	16.4
1981	107.2	88.2	195.4	893.0	1,088.4	18.0
1982	111.3	91.8	203.1	845.9	1,049.0	19.4
1983	113.7	92.7	206.5	850.0	1,056.4	19.5
1984	112.3	92.0	204.3	764.8	969.2	21.1
1985	105.7	82.2	187.9	697.9	885.8	21.2
1986	95.9	70.8	166.6	674.4	841.0	19.8
1987	87.7	66.0	153.7	733.1	886.8	17.3
1988	83.0	65.6	148.5	790.0	938.5	15.8
1989	80.5	65.5	146.0	826.3	972.2	15.0

NA = not available.

Table 46--Farm balance sheet assets (excluding operator households), December 31, 1985-89

Item	1985	1986	1987	1988	1989
Million dollars					
Total farm assets	728,279	690,116	719,136	763,462	793,929
Real estate 1/	540,813	507,271	525,390	555,416	577,645
Livestock and poultry	46,259	47,751	57,977	65,538	69,653
Cattle and calves	41,231	41,567	52,148	60,234	63,627
Hogs and pigs	3,640	4,687	4,133	3,678	4,258
Sheep	684	799	985	899	998
Chickens 2/	704	698	711	726	770
Machinery and motor vehicles	83,783	81,904	79,379	80,568	83,794
Automobiles 3/	2,504	2,169	1,490	1,525	1,480
Motortrucks 4/	9,129	8,388	8,539	8,560	8,797
Tractors	21,817	21,941	20,301	22,245	25,561
Other farm machinery	50,333	49,406	49,049	48,237	47,956
Crops 5/	22,891	16,685	17,952	23,048	23,479
Corn	8,071	3,667	3,698	6,225	6,992
Barley	327	335	387	694	774
Grain sorghum	539	719	618	818	758
Oats	362	408	403	374	281
Wheat	895	367	439	964	1,040
Rye	15	12	10	15	13
Rice	150	33	108	55	85
Soybeans	3,201	2,705	3,233	3,587	3,010
Cottonseed	39	48	39	40	39
Flaxseed	3	11	9	9	5
Peanuts	8	18	40	18	29
Hay	6,068	5,460	5,885	6,668	6,759
Corn silage	1,528	1,237	1,328	1,536	1,502
Corn forage	6	NA	NA	NA	NA
Sorghum silage	84	82	72	125	56
Sorghum forage	19	NA	NA	NA	NA
Cotton	377	343	379	233	363
Sunflower	132	129	143	174	143
Tobacco	406	267	288	426	377
Potatoes and cabbage	643	826	864	1,055	1,229
Dry edible beans	18	18	11	32	23
Purchased inputs	1,260	2,024	3,297	3,446	2,793
Financial assets	33,274	34,480	35,141	35,445	36,566
Net worth of selected farmer cooperatives	24,291	24,431	25,281	25,085	26,138
Other financial	8,982	10,050	9,861	10,361	10,428

NA = not available. 1/ Excludes value of operator dwellings. 2/ Excludes broilers. 3/ Farm share value of automobiles. 4/ Farm share value of trucks. 5/ Non-CCC crops held on farms plus value above loan rate for crops held under CCC.

Table 47--Land in farms and farm real estate value, December 31, 1945-89

Year	Land in farms 1/	Real estate value					Total 4/
		Land	Service structures	Total for farm use 2/	Operator dwellings	Other dwellings 3/	
	1,000 acres	Million dollars					
1945	1,142,000	43,458	8,087	51,545	8,981	NA	60,526
1946	1,145,000	49,395	9,147	58,542	10,158	NA	68,700
1947	1,148,000	52,532	9,922	62,454	11,018	NA	73,472
1948	1,152,000	54,211	10,338	64,549	11,483	NA	76,032
1949	1,155,000	52,928	10,493	63,421	11,654	NA	75,075
1950	1,202,019	63,154	12,229	75,383	13,566	NA	88,949
1951	1,203,500	70,463	13,372	83,835	14,852	NA	98,687
1952	1,204,930	71,606	13,463	85,069	14,940	NA	100,009
1953	1,205,740	71,187	13,122	84,309	14,562	NA	98,871
1954	1,206,355	74,547	13,268	87,815	14,725	NA	102,540
1955	1,201,900	79,398	13,638	93,036	15,135	NA	108,171
1956	1,197,070	86,042	14,255	100,297	15,819	NA	116,116
1957	1,191,340	91,786	14,657	106,443	16,265	NA	122,708
1958	1,184,944	99,436	15,212	114,648	16,881	NA	131,529
1959 5/	1,182,563	105,707	15,478	121,185	17,175	NA	138,360
1960	1,175,646	107,655	15,625	123,280	16,413	NA	139,693
1961	1,167,699	113,187	15,910	129,097	16,728	NA	145,825
1962	1,159,383	118,585	16,029	134,614	16,881	NA	151,495
1963	1,151,572	125,913	16,440	142,353	17,336	NA	159,690
1964	1,146,106	134,252	16,234	150,486	18,263	NA	168,749
1965	1,139,597	144,337	17,188	161,525	19,235	NA	180,759
1966	1,131,844	153,635	17,599	171,233	19,505	NA	190,738
1967	1,123,456	162,552	18,391	180,943	20,504	NA	201,447
1968	1,115,231	171,179	18,209	189,389	21,594	NA	210,983
1969	1,107,811	177,194	18,116	195,309	21,788	NA	217,097
1970	1,102,371	184,336	18,081	202,417	22,107	NA	224,525
1971	1,096,863	198,848	18,714	217,563	23,345	NA	240,908
1972	1,092,065	222,736	20,266	243,002	25,701	NA	268,703
1973	1,087,923	274,327	23,974	298,301	30,855	NA	329,156
1974	1,084,433	309,376	26,180	335,556	33,924	NA	369,480
1975	1,059,420	354,892	28,668	383,560	37,428	NA	420,987
1976	1,054,075	423,658	32,881	456,539	43,246	NA	499,785
1977	1,047,785	474,205	35,103	509,308	47,239	NA	556,547
1978	1,044,790	562,281	39,492	601,773	54,195	NA	655,968
1979	1,042,015	661,971	44,093	706,064	61,727	NA	767,792
1980	1,038,885	734,032	48,374	782,406	67,702	NA	850,109
1981 6/	1,034,190	737,112	47,627	784,739	66,914	NA	851,653
1982	1,027,795	703,879	44,962	748,841	63,269	NA	812,210
1983	1,023,425	713,459	44,773	758,232	63,564	NA	821,797
1984 7/	1,017,803	537,551	72,794	610,345	105,193	12,202	727,740
1985	1,012,073	473,106	67,707	540,813	97,843	11,350	650,006
1986	1,005,333	449,845	57,426	507,271	89,085	9,626	605,982
1987	998,923	457,952	67,438	525,390	97,586	10,545	633,521
1988	994,543	494,281	61,135	555,416	99,618	10,764	665,798
1989	991,153	514,901	62,744	577,645	99,702	10,774	688,121

NA = not available. 1/ Data on real estate values for 1940-49 are based on the Census land in farms. Starting with 1950, land in farms is based on the National Agricultural Statistics Service's, August Crop Production report. 2/ Value of real estate, excluding farm households, is the sum of land and service structure values. 3/ Hired labor dwellings are included as part of service structures. 4/ Total real estate value is the sum of land, service structure, and operator and other dwelling values. 5/ Starting with the December 31, 1959 figures, data for Alaska and Hawaii are included. 6/ Beginning in 1981, data for value per acre and real estate value are for April of the following year, and for February of the following year for 1985-88, and for January of the following year for 1989. 7/ Beginning in 1984, building values are derived from the USDA's Farm Costs and Returns Survey.

Table 48--Livestock and poultry on farms: Number, value per head, and total value, December 31, 1945-89

Year	Cattle and calves			Hogs and pigs			Sheep		
	Number	Value	Total	Number	Value	Total	Number	Value	Total
		per head	value		per head	value		per head	value
	1,000 head	Dollars	Million dollars	1,000 head	Dollars	Million dollars	1,000 head	Dollars	Million dollars
1945	82,235	76.16	6,263	61,306	23.95	1,468	42,362	9.70	411
1946	80,554	97.55	7,858	56,810	36.01	2,046	37,498	12.61	473
1947	77,171	116.61	8,999	54,590	42.86	2,340	34,337	15.35	527
1948	76,830	135.13	10,382	56,257	38.29	2,154	30,943	17.19	532
1949	77,963	123.52	9,630	58,937	27.15	1,600	29,826	17.84	532
1950	82,083	160.50	13,174	62,269	33.29	2,073	30,633	26.38	808
1951	88,072	178.85	15,752	62,117	29.94	1,860	31,982	27.86	891
1952	94,241	127.81	12,045	51,755	26.08	1,350	31,900	15.86	506
1953	95,679	92.02	8,804	45,114	36.55	1,649	31,356	13.94	437
1954	96,592	88.18	8,517	50,474	30.55	1,542	31,582	14.91	471
1955	95,900	88.07	8,446	55,354	17.72	981	31,157	14.25	444
1956	92,860	91.63	8,509	51,897	24.66	1,280	30,654	14.97	459
1957	91,176	119.69	10,913	51,517	30.24	1,558	31,217	19.22	600
1958	93,322	153.23	14,300	58,045	32.03	1,859	32,606	20.09	655
1959	96,499	136.65	13,187	59,087	18.52	1,094	33,185	16.45	546
1960	97,700	134.33	13,124	55,560	27.25	1,514	32,725	14.58	477
1961	100,369	139.61	14,013	56,619	27.48	1,556	30,969	12.95	401
1962	104,488	141.84	14,821	57,933	27.55	1,596	29,176	14.57	425
1963	107,903	126.85	13,688	56,777	23.39	1,328	27,116	14.12	383
1964	108,769	113.64	12,360	50,792	24.49	1,244	25,127	15.96	401
1965	108,862	132.67	14,443	47,414	45.22	2,144	24,734	19.85	491
1966	108,783	148.75	16,182	53,249	33.22	1,769	23,953	19.75	473
1967	109,371	148.49	16,241	55,275	29.81	1,648	22,223	19.21	427
1968	110,015	158.07	17,390	60,829	30.53	1,857	21,350	22.06	471
1969 2/	112,369	179.41	20,160	57,046	39.00	2,225	20,423	25.11	513
1970 3/	114,578	184.27	21,113	57,640	27.48	1,584	19,732	23.59	465
1971	117,862	208.04	24,520	62,414	28.51	1,780	18,741	22.88	429
1972	121,539	248.44	30,195	59,018	41.97	2,477	17,643	26.69	471
1973	127,788	293.28	37,477	60,614	60.43	3,663	16,313	32.78	535
1974	132,028	159.06	21,000	54,694	44.80	2,450	14,516	29.98	435
1975	127,980	190.15	24,335	49,267	78.65	3,875	13,311	34.13	454
1976	122,810	205.60	25,249	54,935	47.01	2,583	12,723	42.46	540
1977	116,375	232.27	27,030	56,540	63.23	3,575	12,421	51.64	641
1978	110,864	402.85	44,661	67,319	56.79	3,823	12,366	72.05	891
1979	111,242	502.01	55,844	67,319	56.04	3,773	12,699	78.20	993
1980	114,351	473.31	54,124	64,465	74.70	4,815	12,948	69.84	904
1981	115,444	414.97	47,905	58,698	70.09	4,114	12,997	57.10	742
1982	115,001	406.16	46,708	54,533	89.92	4,903	12,140	51.78	629
1983	113,361	395.51	44,835	56,693	58.75	3,331	11,558	52.16	603
1984	109,582	401.58	44,006	54,073	75.03	4,057	10,715	61.04	654
1985	105,378	391.27	41,231	52,314	69.59	3,640	10,145	67.43	684
1986	102,118	407.05	41,567	51,001	91.90	4,687	10,572	75.60	799
1987	99,622	523.46	52,148	54,386	75.99	4,133	10,945	89.99	985
1988	99,180	607.32	60,234	55,469	66.30	3,678	10,858	82.84	899
1989	99,337	640.52	63,627	53,852	79.07	4,258	11,369	87.77	998

See footnotes at end of table.

continued--

Table 48--Livestock and poultry on farms: Number, value per head, and total value, December 31, 1945-89--continued

Year	Chickens 1/			Turkeys			Horses and mules			Total value
	Number	Value per head	Total value	Number	Value per head	Total value	Number	Value per head	Total value	
	1,000 head	Dollars	Million dollars	1,000 head	Dollars	Million dollars	1,000 head	Dollars	Million dollars	Million dollars
1945	523,227	1.27	663	7,862	5.72	45	11,208	77.36	867	9,717
1946	467,217	1.44	673	5,879	6.46	38	10,129	81.75	828	11,916
1947	449,644	1.44	648	3,959	7.07	28	9,279	77.06	715	13,257
1948	430,876	1.66	716	4,622	8.87	41	8,498	70.60	600	14,425
1949	456,549	1.36	623	5,124	6.25	32	7,781	61.30	477	12,894
1950	430,988	1.45	627	5,037	6.55	33	7,036	54.58	384	17,099
1951	426,555	1.53	653	5,725	6.99	40	6,150	53.98	332	19,528
1952	398,158	1.41	562	5,086	6.10	31	5,403	52.93	286	14,780
1953	396,776	1.43	569	4,956	6.26	31	4,791	52.81	253	11,743
1954	390,708	1.05	411	4,917	5.29	26	4,309	56.16	242	11,209
1955	383,690	1.26	482	4,937	5.47	27	3,950	62.78	248	10,628
1956	391,363	1.17	459	5,828	4.98	29	3,632	71.86	261	10,997
1957	374,281	1.26	472	5,612	4.63	26	3,415	84.33	288	13,857
1958	387,002	1.26	487	6,105	4.59	28	3,189	102.23	326	17,655
1959	370,594	1.06	393	5,633	4.97	28	NA	NA	NA	15,248
1960	366,082	1.25	458	7,008	4.85	34	NA	NA	NA	15,607
1961	377,392	1.15	434	6,423	3.74	24	NA	NA	NA	16,428
1962	375,575	1.16	437	6,374	4.39	28	NA	NA	NA	17,307
1963	382,262	1.16	443	5,996	4.34	26	NA	NA	NA	15,868
1964	392,118	1.18	462	6,100	4.43	27	NA	NA	NA	14,494
1965	392,251	1.20	471	6,905	5.21	36	NA	NA	NA	17,585
1966	425,571	1.20	509	7,811	5.12	40	NA	NA	NA	18,973
1967	420,500	1.14	481	7,279	4.67	34	NA	NA	NA	18,831
1968	413,287	1.20	498	6,537	4.90	32	NA	NA	NA	20,248
1969 2/	424,276	1.28	545	6,715	5.51	37	NA	NA	NA	23,480
1970 3/	433,280	1.21	525	3,173	5.84	19	NA	NA	NA	23,706
1971	421,763	1.23	517	2,999	6.18	19	NA	NA	NA	27,264
1972	404,191	1.28	516	3,135	6.46	20	NA	NA	NA	33,679
1973	408,769	1.62	663	3,418	9.47	32	NA	NA	NA	42,370
1974	384,101	1.70	653	2,970	9.81	29	NA	NA	NA	24,567
1975	379,374	1.74	660	3,014	10.81	33	NA	NA	NA	29,357
1976	378,238	1.70	644	2,905	10.98	32	NA	NA	NA	29,048
1977	386,429	1.69	652	2,830	11.23	32	NA	NA	NA	31,931
1978	394,505	1.75	691	3,155	12.41	39	NA	NA	NA	50,106
1979	400,585	1.81	726	3,705	13.58	50	NA	NA	NA	61,387
1980	391,931	1.88	738	3,749	14.04	53	NA	NA	NA	60,633
1981	385,338	1.89	728	3,514	15.35	54	NA	NA	NA	53,544
1982	379,219	1.85	703	3,429	14.60	50	NA	NA	NA	52,993
1983	364,880	1.96	717	3,155	17.59	56	NA	NA	NA	49,541
1984	374,443	2.02	757	3,159	16.54	52	NA	NA	NA	49,526
1985	370,398	1.90	704	NA	NA	NA	NA	NA	NA	46,259
1986	372,833	1.87	698	NA	NA	NA	NA	NA	NA	47,751
1987	380,437	1.87	711	NA	NA	NA	NA	NA	NA	57,977
1988	356,105	2.04	726	NA	NA	NA	NA	NA	NA	65,538
1989	355,790	2.16	770	NA	NA	NA	NA	NA	NA	69,653

NA = not available. Series on horses and mules discontinued in 1959. 1/ Excludes commercial broilers. 2/ Beginning in 1969, data for hogs and pigs are for December 1. 3/ Beginning in 1970, data on total turkeys were discontinued. Data from 1971 to 1984 are for turkey breeder hens. Series discontinued in 1985.

Table 49--Value of motor vehicles and other machines on farms, December 31, 1945-89 1/

Year	Automobiles		Motortrucks		Tractors	Other farm machinery	Total	
	Excluding household assets	Including household assets	Excluding household assets	Including household assets			Excluding household assets	Including household assets
	Million dollars							
1945	471	941	476	476	1,355	2,616	4,918	5,388
1946	593	1,185	521	521	1,288	2,344	4,746	5,338
1947	662	1,656	867	867	1,651	3,192	6,372	7,366
1948	744	1,860	1,249	1,249	2,409	4,550	8,952	10,068
1949	925	2,313	1,446	1,446	2,905	5,502	10,778	12,166
1950	1,170	2,926	1,611	1,678	3,349	6,178	12,308	14,131
1951	1,466	3,665	1,747	1,879	3,874	7,256	14,343	16,674
1952	1,461	3,652	1,640	1,843	4,091	7,809	15,001	17,395
1953	1,730	4,325	1,584	1,863	4,199	8,050	15,563	18,437
1954	1,724	4,310	1,556	1,898	4,270	8,197	15,747	18,675
1955	1,770	4,425	1,499	1,922	4,600	8,392	16,261	19,339
1956	1,905	4,762	1,626	2,084	4,759	8,635	16,924	20,240
1957	1,776	4,439	1,626	2,085	4,931	8,690	17,023	20,145
1958	2,168	5,421	1,559	1,999	5,168	9,247	18,143	21,835
1959	1,906	4,766	1,931	2,476	5,423	10,080	19,341	22,745
1960	1,595	4,198	1,970	2,559	5,237	10,211	19,014	22,205
1961	1,585	4,283	2,054	2,667	5,213	10,353	19,204	22,516
1962	1,679	4,664	2,195	2,850	5,414	10,526	19,814	23,454
1963	1,625	4,642	2,139	2,814	5,617	10,862	20,242	23,935
1964	1,550	4,560	2,266	2,982	5,861	11,423	21,101	24,826
1965	1,445	4,515	2,240	2,948	6,310	12,232	22,227	26,005
1966	1,291	4,163	2,187	2,916	7,017	13,347	23,842	27,443
1967	1,271	4,236	2,330	3,106	7,527	14,939	26,066	29,808
1968	1,213	4,184	2,438	3,250	7,939	15,898	27,488	31,271
1969	1,205	4,303	2,432	3,243	7,997	16,756	28,390	32,299
1970	1,190	4,575	2,693	3,639	8,080	18,078	30,040	34,372
1971	1,183	4,732	2,947	3,982	8,635	19,353	32,118	36,702
1972	1,274	5,097	3,091	4,177	9,042	20,966	34,373	39,282
1973	1,191	4,764	3,365	4,547	10,881	24,031	39,468	44,223
1974	1,336	5,344	3,915	5,220	14,156	28,924	48,331	53,644
1975	1,265	5,752	4,223	5,630	16,840	34,847	57,175	63,069
1976	1,570	6,824	5,307	7,076	17,811	38,425	63,113	70,136
1977	1,825	7,020	5,768	7,395	20,127	41,871	69,591	76,413
1978	2,288	7,889	6,664	8,227	20,195	40,063	69,210	76,375
1979	2,324	7,263	7,229	8,925	23,373	43,345	76,272	82,906
1980	2,233	6,380	6,977	8,305	25,816	46,424	81,450	86,925
1981	2,705	7,118	7,540	8,667	28,424	48,307	86,976	92,516
1982	2,792	6,809	7,810	8,906	27,469	49,398	87,469	92,581
1983	2,876	6,537	8,439	9,452	26,375	49,731	87,421	92,095
1984	2,983	6,400	8,573	10,317	24,568	49,846	85,969	91,131
1985	2,504	5,691	9,129	10,454	21,817	50,333	83,783	88,295
1986	2,169	4,846	8,388	9,889	21,941	49,406	81,904	86,082
1987	1,490	4,718	8,539	10,409	20,301	49,049	79,379	84,478
1988	1,525	4,442	8,560	10,763	22,245	48,237	80,568	85,687
1989	1,480	3,884	8,797	10,772	25,561	47,956	83,794	88,173

1/ Data for 50 States beginning with 1959.

Table 50--Financial assets and purchased inputs, December 31, 1945-89

Year	:	Net worth of selected farmers' cooperatives	:	Other financial		:	Total financial assets		:	Purchased inputs
				Excluding household assets 1/	Including household assets 2/		Excluding household assets	Including household assets		
Million dollars										
1945	:	1,378	:	7,415	13,542	:	8,793	14,920	:	NA
1946	:	1,537	:	8,020	14,411	:	9,557	15,948	:	NA
1947	:	1,711	:	7,829	14,306	:	9,540	16,017	:	NA
1948	:	1,877	:	7,480	14,179	:	9,357	16,056	:	NA
1949	:	2,055	:	6,975	13,797	:	9,030	15,852	:	NA
1950	:	2,275	:	6,981	13,769	:	9,256	16,044	:	NA
1951	:	2,481	:	7,253	14,129	:	9,734	16,610	:	NA
1952	:	2,720	:	7,135	14,068	:	9,855	16,788	:	NA
1953	:	2,852	:	6,994	14,158	:	9,846	17,010	:	NA
1954	:	3,032	:	6,896	14,395	:	9,928	17,427	:	NA
1955	:	3,220	:	6,895	14,645	:	10,115	17,865	:	NA
1956	:	3,452	:	6,724	14,421	:	10,176	17,873	:	NA
1957	:	3,673	:	6,590	14,603	:	10,263	18,276	:	NA
1958	:	3,946	:	6,898	15,148	:	10,844	19,094	:	NA
1959 3/	:	4,242	:	6,228	13,831	:	10,470	18,073	:	NA
1960	:	4,524	:	5,828	13,347	:	10,352	17,871	:	NA
1961	:	4,846	:	5,858	13,277	:	10,704	18,123	:	NA
1962	:	5,013	:	5,870	13,590	:	10,883	18,603	:	NA
1963	:	5,357	:	5,730	13,454	:	11,087	18,811	:	NA
1964	:	5,595	:	5,846	13,785	:	11,441	19,380	:	NA
1965	:	5,881	:	5,964	14,050	:	11,845	19,931	:	NA
1966	:	6,175	:	5,964	14,241	:	12,139	20,416	:	NA
1967	:	6,393	:	6,110	14,687	:	12,503	21,080	:	NA
1968	:	6,699	:	6,284	15,236	:	12,983	21,935	:	NA
1969	:	6,224	:	6,377	15,631	:	12,601	21,855	:	NA
1970	:	7,032	:	6,501	16,017	:	13,533	23,049	:	NA
1971	:	7,799	:	6,651	16,827	:	14,450	24,626	:	NA
1972	:	8,708	:	6,942	18,015	:	15,650	26,723	:	NA
1973	:	9,774	:	7,123	19,043	:	16,897	28,817	:	NA
1974	:	10,262	:	6,871	17,828	:	17,133	28,090	:	NA
1975	:	11,992	:	6,944	18,404	:	18,936	30,396	:	NA
1976	:	13,302	:	6,947	18,669	:	20,250	31,971	:	NA
1977	:	13,470	:	7,035	19,038	:	20,505	32,508	:	NA
1978	:	16,090	:	7,137	19,699	:	23,227	35,789	:	NA
1979	:	18,147	:	7,284	19,899	:	25,431	38,046	:	NA
1980	:	19,317	:	7,357	19,992	:	26,674	39,308	:	NA
1981	:	20,598	:	7,560	20,347	:	28,158	40,945	:	NA
1982	:	21,947	:	7,786	17,723	:	29,733	39,670	:	NA
1983	:	22,809	:	8,075	21,785	:	30,884	44,594	:	NA
1984	:	24,257	:	8,324	23,444	:	32,581	47,701	:	2,639
1985	:	24,291	:	8,982	24,978	:	33,274	49,269	:	1,260
1986	:	24,431	:	10,050	29,375	:	34,480	53,805	:	2,024
1987	:	25,281	:	9,861	31,407	:	35,141	56,687	:	3,297
1988	:	25,085	:	10,361	32,930	:	35,445	58,015	:	3,446
1989	:	26,138	:	10,428	32,525	:	36,566	58,664	:	2,793

NA = not available. 1/ Sum of currency and demand deposits. 2/ Sum of currency, demand deposits, time deposits, and U.S. savings bonds. 3/ Data for 50 States beginning in 1959.

Table 51--Total farm debt, December 31, 1945-89

Year	Real estate		Nonreal estate debt		Total debt	
	Excluding	Including	Excluding	Including	Excluding	Including
	operator	operator	operator	operator	operator	operator
	households	households	households	households	households	households
Million dollars						
1945	4,065	4,760	2,646	2,868	6,711	7,628
1946	4,172	4,897	3,188	3,451	7,360	8,348
1947	4,305	5,065	3,785	4,091	8,090	9,156
1948	4,490	5,289	4,568	4,931	9,058	10,220
1949	4,721	5,586	4,775	5,154	9,497	10,740
1950	5,202	6,131	5,681	6,126	10,883	12,257
1951	5,683	6,689	6,863	7,393	12,546	14,082
1952	6,189	7,268	7,123	7,674	13,311	14,942
1953	6,631	7,769	6,309	6,804	12,941	14,573
1954	7,099	8,286	6,673	7,196	13,772	15,482
1955	7,787	9,049	7,340	7,910	15,127	16,959
1956	8,515	9,851	7,386	7,960	15,901	17,811
1957	9,037	10,408	8,184	8,814	17,221	19,222
1958	9,702	11,122	9,374	10,085	19,076	21,206
1959	10,628	12,126	10,723	11,528	21,351	23,653
1960	11,317	12,868	11,136	11,969	22,453	24,837
1961	12,328	13,968	11,820	12,701	24,148	26,669
1962	13,498	15,241	13,184	14,164	26,682	29,405
1963	14,982	16,864	14,531	15,606	29,513	32,470
1964	16,880	18,938	15,307	16,366	32,187	35,304
1965	18,954	21,221	16,895	18,062	35,849	39,283
1966	20,676	23,109	18,525	19,792	39,202	42,901
1967	22,601	25,203	19,593	20,834	42,194	46,037
1968	24,728	27,545	19,192	20,387	43,921	47,932
1969	26,416	29,353	20,005	21,168	46,421	50,520
1970	27,506	30,492	21,248	22,263	48,754	52,755
1971	29,255	32,381	23,980	25,114	53,235	57,496
1972	32,005	35,361	26,700	27,965	58,704	63,326
1973	36,077	39,806	31,555	33,054	67,632	72,860
1974	40,778	44,922	35,075	36,736	75,853	81,658
1975	45,331	49,853	39,682	41,605	85,013	91,458
1976	50,495	55,412	45,570	47,765	96,065	103,177
1977	58,445	63,949	52,410	54,987	110,855	118,936
1978	66,707	72,757	60,693	63,826	127,400	136,584
1979	79,704	86,755	71,847	75,727	151,551	162,481
1980	89,646	97,495	77,131	81,221	166,777	178,715
1981	98,687	107,237	83,593	88,192	182,279	195,429
1982	102,509	111,312	86,996	91,783	189,505	203,095
1983	104,806	113,722	87,888	92,744	192,694	206,466
1984 1/	102,780	112,303	87,090	92,021	189,870	204,324
1985	96,427	105,739	77,523	82,173	173,949	187,912
1986	87,680	95,880	66,563	70,758	154,243	166,638
1987	79,938	87,718	62,013	65,997	141,951	153,715
1988	75,841	82,953	61,734	65,588	137,575	148,541
1989	73,783	80,476	61,826	65,489	135,609	145,966

1/ Beginning in 1984, building values, which affect the relationship between the including and excluding operator household real estate debt accounts, are derived from the USDA's Farm Costs and Returns Survey.

Table 52--Real estate farm debt (excluding operator households), December 31, 1945-89

Year	Farm Credit System 1/	Farmers Home Administration	Life insurance companies	All operating banks	Individuals and others	CCC storage and drying facilities loans	Total
Million dollars							
1945	1,129	157	761	433	1,585	na	4,065
1946	958	164	757	582	1,711	na	4,172
1947	847	168	816	715	1,759	na	4,305
1948	804	167	880	762	1,877	na	4,490
1949	815	171	990	788	1,950	7	4,721
1950	841	218	1,147	836	2,142	18	5,202
1951	872	247	1,309	864	2,365	26	5,683
1952	932	281	1,460	910	2,578	28	6,189
1953	1,013	300	1,615	931	2,743	29	6,631
1954	1,096	323	1,757	994	2,888	41	7,099
1955	1,273	355	1,954	1,096	3,072	37	7,787
1956	1,488	400	2,140	1,121	3,337	29	8,515
1957	1,646	470	2,239	1,142	3,515	25	9,037
1958	1,801	530	2,320	1,228	3,792	31	9,702
1959	2,046	592	2,470	1,334	4,142	44	10,628
1960	2,232	636	2,615	1,399	4,387	48	11,317
1961	2,472	836	2,789	1,448	4,714	69	12,328
1962	2,676	936	3,002	1,655	5,155	74	13,498
1963	2,914	1,040	3,358	1,898	5,712	60	14,982
1964	3,283	1,145	3,822	2,155	6,431	44	16,880
1965	3,784	1,343	4,295	2,327	7,171	34	18,954
1966	4,397	1,486	4,666	2,477	7,618	32	20,676
1967	4,981	1,645	4,959	2,750	8,205	61	22,601
1968	5,433	1,825	5,235	2,918	9,169	147	24,728
1969	5,977	2,029	5,222	3,116	9,902	170	26,416
1970	6,420	2,180	5,122	3,329	10,308	146	27,506
1971	7,094	2,343	5,090	3,731	10,806	190	29,255
1972	8,165	2,547	5,174	4,246	11,607	266	32,005
1973	9,849	2,712	5,480	4,844	12,914	278	36,077
1974	12,187	2,899	5,799	5,312	14,363	217	40,778
1975	14,533	3,044	6,198	5,621	15,764	170	45,331
1976	16,881	3,311	6,828	6,075	17,258	144	50,495
1977	19,640	3,613	8,150	6,994	19,556	492	58,445
1978	22,686	3,746	9,698	7,717	21,712	1,148	66,707
1979	27,322	6,254	11,278	7,798	25,660	1,391	79,704
1980	33,207	7,431	11,991	7,760	27,801	1,456	89,646
1981	40,255	8,087	12,137	7,574	29,292	1,342	98,687
1982	43,967	8,362	11,898	7,627	29,528	1,127	102,509
1983	45,026	8,718	11,834	8,494	29,847	888	104,806
1984 2/	44,906	9,173	11,514	9,245	27,319	623	102,780
1985	40,663	9,478	10,908	10,324	24,746	307	96,427
1986	34,544	9,445	10,098	11,581	21,890	123	87,680
1987	29,747	9,171	9,105	13,126	18,744	46	79,938
1988	27,719	8,767	8,824	14,066	16,444	21	75,841
1989	26,114	7,984	8,872	15,218	15,583	12	73,783

na = no program. 1/ Federal land banks debt prior to 1988. 2/ Beginning in 1984, building values, which affect the relationship between the including and excluding operator household real estate debt accounts, are derived from the USDA's Farm Costs and Returns Survey.

Table 53--Real estate farm debt (including operator households), December 31, 1945-89

Year	Farm Credit System 1/	Farmers Home Administration	Life insurance companies	All operating banks	Individuals and others	CCC storage and drying facilities loans	Total
Million dollars							
1945	1,322	184	891	507	1,856	na	4,760
1946	1,125	192	889	683	2,008	na	4,897
1947	997	198	960	841	2,069	na	5,065
1948	947	197	1,036	898	2,211	na	5,289
1949	965	202	1,172	932	2,308	7	5,586
1950	991	257	1,353	986	2,526	18	6,131
1951	1,027	291	1,542	1,017	2,786	26	6,689
1952	1,095	330	1,716	1,069	3,030	28	7,268
1953	1,187	352	1,893	1,092	3,216	29	7,769
1954	1,280	378	2,052	1,161	3,374	41	8,286
1955	1,480	413	2,272	1,275	3,572	37	9,049
1956	1,722	463	2,477	1,298	3,862	29	9,851
1957	1,897	541	2,579	1,316	4,050	25	10,408
1958	2,045	608	2,661	1,408	4,349	31	11,122
1959	2,335	676	2,820	1,523	4,728	44	12,126
1960	2,539	723	2,975	1,592	4,991	48	12,868
1961	2,803	948	3,162	1,641	5,345	69	13,968
1962	3,024	1,058	3,391	1,870	5,824	74	15,241
1963	3,282	1,171	3,781	2,137	6,433	60	16,864
1964	3,686	1,285	4,288	2,417	7,218	44	18,938
1965	4,240	1,497	4,802	2,607	8,041	34	21,221
1966	4,915	1,663	5,214	2,770	8,515	32	23,109
1967	5,563	1,844	5,540	3,061	9,135	61	25,203
1968	6,081	2,054	5,764	3,333	10,165	147	27,545
1969	6,671	2,280	5,734	3,545	10,953	170	29,353
1970	7,145	2,440	5,610	3,772	11,378	146	30,492
1971	7,880	2,618	5,564	4,218	11,911	190	32,381
1972	9,050	2,835	5,643	4,792	12,774	266	35,361
1973	10,901	3,013	5,965	5,458	14,190	278	39,806
1974	13,470	3,215	6,297	5,966	15,757	217	44,922
1975	16,029	3,369	6,726	6,296	17,262	170	49,853
1976	18,565	3,657	7,400	6,781	18,864	144	55,412
1977	21,541	3,982	8,819	7,780	21,335	492	63,949
1978	24,816	4,121	10,478	8,557	23,638	1,148	72,757
1979	29,820	6,875	12,165	8,623	27,880	1,391	86,755
1980	36,196	8,163	12,928	8,571	30,180	1,456	97,495
1981	43,825	8,877	13,074	8,349	31,770	1,342	107,237
1982	47,822	9,170	12,802	8,392	32,000	1,127	111,312
1983	48,929	9,550	12,718	9,317	32,320	888	113,722
1984	49,078	10,073	12,443	10,186	29,900	623	112,303
1985	44,584	10,427	11,836	11,385	27,200	307	105,739
1986	37,758	10,349	10,940	12,711	24,000	123	95,880
1987	32,638	10,083	9,896	14,455	20,600	46	87,718
1988	30,327	9,607	9,582	15,417	18,000	21	82,953
1989	28,501	8,720	9,598	16,646	17,000	12	80,476

na = no program. 1/ Federal land banks debt prior to 1988.

Table 54--Nonreal estate farm debt (excluding operator households), December 31, 1945-89

Year	All operating banks	Farm Credit System 1/	Farmers Home Ad- ministration	Debts owed to individ- uals and others	Total	CCC crop loans
Million dollars						
1945	977	213	363	1,092	2,646	277
1946	1,218	253	352	1,365	3,188	65
1947	1,505	315	326	1,638	3,785	84
1948	1,839	408	301	2,020	4,568	1,152
1949	1,936	423	305	2,111	4,775	1,714
1950	2,385	495	290	2,512	5,681	794
1951	2,949	617	268	3,030	6,863	562
1952	3,019	658	297	3,149	7,123	1,156
1953	2,611	584	331	2,785	6,309	2,362
1954	2,772	612	367	2,921	6,673	2,178
1955	3,126	681	357	3,176	7,340	1,833
1956	3,100	731	379	3,176	7,386	1,534
1957	3,407	918	383	3,476	8,184	1,190
1958	3,932	1,154	357	3,931	9,374	2,442
1959	4,554	1,396	350	4,423	10,723	1,121
1960	4,717	1,509	369	4,541	11,136	1,342
1961	5,023	1,673	437	4,687	11,820	1,797
1962	5,651	1,875	489	5,169	13,184	1,981
1963	6,286	2,098	523	5,624	14,531	1,866
1964	6,606	2,311	567	5,824	15,307	1,499
1965	7,255	2,615	631	6,394	16,895	1,374
1966	8,064	3,052	647	6,762	18,525	1,125
1967	8,762	3,554	702	6,575	19,593	1,359
1968	9,185	3,853	723	5,431	19,192	2,524
1969	9,762	4,533	691	5,020	20,005	2,506
1970	10,491	5,304	700	4,753	21,248	1,730
1971	11,811	6,072	678	5,419	23,980	2,072
1972	13,528	6,594	687	5,891	26,700	1,527
1973	16,223	7,833	772	6,728	31,555	687
1974	17,235	9,523	919	7,398	35,075	304
1975	19,051	10,689	1,560	8,382	39,682	232
1976	22,002	12,127	1,652	9,789	45,570	936
1977	24,295	13,352	2,764	11,999	52,410	4,146
1978	26,718	14,878	5,086	14,011	60,693	4,646
1979	29,327	18,054	8,188	16,278	71,847	3,714
1980	29,986	19,750	10,029	17,367	77,131	3,836
1981	31,215	21,268	12,706	18,404	83,593	6,888
1982	34,322	20,558	12,977	19,139	86,996	15,204
1983	37,075	19,392	12,855	18,566	87,888	10,576
1984	37,619	18,092	13,740	17,640	87,090	8,428
1985	33,738	14,001	14,714	15,070	77,523	17,598
1986	29,678	10,317	14,425	12,143	66,563	19,190
1987	27,589	9,384	14,123	10,916	62,013	15,120
1988	28,309	8,766	12,899	11,760	61,734	8,902
1989	29,243	9,490	10,843	12,250	61,826	5,225

1/ Prior to 1988, Farm Credit System loans were reported separately for production credit association and Federal intermediate credit bank loans through other financial institutions. For historical data series, see Economic Indicators of the Farm Sector: National Financial Summary, 1988, ECIFS 8-1, U.S. Dept. Agr., Econ. Res. Serv., Sept. 1989.

Table 55--Nonreal estate farm debt (including operator households), December 31, 1945-89

Year	All operating banks	Farm Credit System 1/	Farmers Home Ad- ministration	Debts owed to individ- uals and others	Total	CCC crop loans
Million dollars						
1945	1,034	221	413	1,200	2,868	277
1946	1,289	262	400	1,500	3,451	65
1947	1,593	327	371	1,800	4,091	84
1948	1,946	423	342	2,220	4,931	1,152
1949	2,049	438	347	2,320	5,154	1,714
1950	2,524	513	329	2,760	6,126	794
1951	3,120	639	304	3,330	7,393	562
1952	3,195	682	338	3,460	7,674	1,156
1953	2,763	605	376	3,060	6,804	2,362
1954	2,934	635	417	3,210	7,196	2,178
1955	3,308	706	406	3,490	7,910	1,833
1956	3,280	759	431	3,490	7,960	1,534
1957	3,605	953	436	3,820	8,814	1,190
1958	4,161	1,198	406	4,320	10,085	2,442
1959	4,819	1,451	398	4,860	11,528	1,121
1960	4,991	1,568	420	4,990	11,969	1,342
1961	5,316	1,739	496	5,150	12,701	1,797
1962	5,979	1,949	556	5,680	14,164	1,981
1963	6,652	2,180	594	6,180	15,606	1,866
1964	6,990	2,402	644	6,330	16,366	1,499
1965	7,677	2,718	717	6,950	18,062	1,374
1966	8,533	3,173	735	7,350	19,792	1,125
1967	9,272	3,694	798	7,070	20,834	1,359
1968	9,720	4,006	822	5,840	20,387	2,524
1969	10,330	4,713	785	5,340	21,168	2,506
1970	11,102	5,516	795	4,850	22,263	1,730
1971	12,498	6,315	771	5,530	25,114	2,072
1972	14,315	6,859	780	6,011	27,965	1,527
1973	17,167	8,145	877	6,865	33,054	687
1974	18,238	9,905	1,044	7,549	36,736	304
1975	20,160	11,120	1,772	8,553	41,605	232
1976	23,283	12,617	1,877	9,989	47,765	936
1977	25,709	13,893	3,141	12,244	54,987	4,146
1978	28,273	15,477	5,780	14,297	63,826	4,646
1979	31,034	18,778	9,305	16,610	75,727	3,714
1980	31,564	20,539	11,397	17,721	81,221	3,836
1981	32,858	22,116	14,438	18,780	88,192	6,888
1982	36,128	21,379	14,746	19,530	91,783	15,204
1983	39,026	20,164	14,608	18,945	92,744	10,576
1984	39,599	18,809	15,613	18,000	92,021	8,428
1985	35,513	14,562	16,720	15,378	82,173	17,598
1986	31,240	10,735	16,392	12,391	70,758	19,190
1987	29,041	9,768	16,049	11,139	65,997	15,120
1988	29,799	9,131	14,659	12,000	65,588	8,902
1989	30,782	9,885	12,322	12,500	65,489	5,225

1/ Prior to 1988, Farm Credit System loans were reported separately for Production credit association and Federal intermediate credit bank loans through other financial institutions. For historical data series, see Economic Indicators of the Farm Sector: National Financial Summary, 1988, ECIFS 8-1, U.S. Dept. Agr., Econ. Res. Serv., Sept. 1989.

Table 56--Nominal capital gains on farm physical assets (excluding operator households), 1970-89

Year	Real estate	Machinery and motor vehicles	Livestock and poultry	Crops	Purchased inputs	Total
Million dollars						
1970	8,296	1,142	481	718	NA	10,637
1971	16,374	2,835	2,802	-462	NA	21,549
1972	26,631	2,046	5,684	2,539	NA	36,900
1973	56,582	3,040	6,776	6,228	NA	72,626
1974	38,582	6,465	-17,666	4,216	NA	31,597
1975	56,579	10,865	5,637	-4,179	NA	68,902
1976	75,466	7,306	428	843	NA	84,043
1977	55,778	6,292	4,001	-2,316	NA	63,755
1978	94,010	5,379	18,572	909	NA	118,870
1979	105,322	7,914	10,738	2,234	NA	126,208
1980	78,212	7,304	-2,053	6,284	NA	89,747
1981	5,572	10,669	-7,067	-5,049	NA	4,125
1982	-31,414	5,991	48	-1,060	NA	-26,435
1983	13,539	4,609	-2,874	3,690	NA	18,964
1984	-143,155	3,089	1,589	-2,563	NA	-141,040
1985	-65,703	-2,103	-1,367	-1,746	-3	-70,992
1986	-29,198	-2,818	2,885	-897	-4	-30,032
1987	22,670	1,483	10,868	900	5	35,926
1988	32,796	5,107	7,765	4,893	13	50,574
1989	24,996	6,827	4,016	-2,302	0	33,537

NA = not available.

Table 57--Real capital gains on farm physical assets (excluding operator households), 1970-89

Year	Real estate	Machinery and motor vehicles	Livestock and poultry	Crops	Purchased inputs	Total
Million dollars						
1970	-694	-344	-533	411	NA	-1,160
1971	6,894	1,241	1,649	-762	NA	9,022
1972	17,462	588	4,447	2,121	NA	24,618
1973	32,187	-370	3,478	4,793	NA	40,088
1974	8,057	1,853	-19,813	2,356	NA	-7,547
1975	31,793	6,788	3,753	-5,276	NA	37,058
1976	51,736	3,716	-1,061	-143	NA	54,248
1977	23,578	1,582	2,008	-3,360	NA	23,808
1978	48,370	-315	14,842	-623	NA	62,274
1979	38,034	20	5,005	11	NA	43,070
1980	2,606	-1,098	-7,727	3,708	NA	-2,511
1981	-60,475	2,874	-11,462	-6,925	NA	-75,988
1982	-71,789	998	-2,756	-2,041	NA	-75,588
1983	-16,323	982	-4,795	2,903	NA	-17,233
1984	-165,498	-247	-217	-3,223	NA	-169,185
1985	-82,472	-4,822	-2,798	-2,175	-61	-92,328
1986	-41,085	-4,796	1,772	-1,158	-59	-45,326
1987	-1,393	-2,385	8,241	377	-61	4,779
1988	11,956	1,904	5,329	4,144	-106	23,227
1989	-403	2,950	996	-3,098	-102	343

NA = not available.

Table 59--Returns from current income and real capital gains, and value of farm assets and equity (excluding operator households), 1970-89

	Returns to farm assets					Returns to farm equity				
	-----				Value of	-----				Value of
Year	Current	Real			farm assets 1/	Current	Real			farm equity 1/
	income	capital	Total			income	capital	Total		
		gains					gains			

	Billion dollars									
1970	8.1	-1.7	6.4	273.1	4.9	0.3	5.2	225.6		
1971	8.8	9.2	18.0	289.7	5.5	11.3	16.8	238.7		
1972	13.6	24.9	38.5	320.5	9.9	27.0	36.9	264.6		
1973	29.2	39.8	69.0	379.1	24.8	44.6	69.3	315.9		
1974	19.7	-8.6	11.1	433.6	14.3	-2.5	11.8	361.9		
1975	17.3	37.6	54.9	479.5	11.2	42.5	53.7	399.0		
1976	11.6	54.5	66.2	550.3	4.6	58.9	63.6	459.8		
1977	10.9	22.7	33.6	621.8	2.7	28.8	31.5	518.3		
1978	16.8	63.1	79.9	711.2	7.0	71.6	78.5	592.1		
1979	20.8	42.7	63.5	833.5	8.2	54.9	63.1	694.0		
1980	11.3	-5.0	6.3	940.3	-4.3	9.7	5.4	781.1		
1981	22.1	-78.2	-56.2	982.7	2.9	-64.2	-61.2	808.2		
1982	21.6	-77.1	-55.5	963.8	0.7	-67.3	-66.6	777.9		
1983	13.4	-18.4	-5.0	947.6	-7.2	-10.9	-18.1	756.5		
1984	26.7	-170.3	-143.7	878.6	6.4	-163.3	-156.9	687.4		
1985	31.6	-93.3	-61.6	767.8	13.8	-87.4	-73.6	585.8		
1986	28.9	-46.0	-17.1	709.2	12.6	-42.0	-29.2	545.1		
1987	36.8	3.3	40.1	704.6	22.2	10.3	32.5	559.4		
1988	36.4	22.0	58.4	741.3	22.1	27.3	49.4	604.4		
1989	41.5	-1.1	40.5	778.7	27.0	4.8	31.8	642.1		

1/ Asset and equity values are an average for December 31 of the current and previous years.

Table 60--Rates of return on farm assets and equity (excluding operator households), 1970-89

Rates of return on farm assets--				Rates of return on farm equity--			
Year	Current income	Real capital gains	Total	Current income	Real capital gains	Total	
Percent							
1970	3.0	-0.6	2.3	2.2	0.2	2.3	
1971	3.1	3.2	6.2	2.3	4.7	7.0	
1972	4.2	7.8	12.0	3.7	10.2	13.9	
1973	7.7	10.5	18.2	7.8	14.1	21.9	
1974	4.5	-2.0	2.5	3.9	-0.7	3.3	
1975	3.6	7.8	11.4	2.8	10.6	13.5	
1976	2.1	9.9	12.0	1.0	12.8	13.8	
1977	1.7	3.6	5.4	0.5	5.5	6.1	
1978	2.4	8.9	11.2	1.2	12.1	13.3	
1979	2.5	5.1	7.6	1.2	7.9	9.1	
1980	1.2	-0.5	0.7	-0.6	1.2	0.7	
1981	2.2	-8.0	-5.7	0.4	-7.9	-7.6	
1982	2.2	-8.0	-5.8	0.1	-8.6	-8.6	
1983	1.4	-1.9	-0.5	-0.9	-1.4	-2.4	
1984	3.0	-19.4	-16.4	0.9	-23.8	-22.8	
1985	4.1	-12.1	-8.0	2.4	-14.9	-12.6	
1986	4.1	-6.5	-2.4	2.3	-7.7	-5.4	
1987	5.2	0.5	5.7	4.0	1.9	5.8	
1988	4.9	3.0	7.9	3.7	4.5	8.2	
1989	5.3	-0.1	5.2	4.2	0.8	5.0	

1/ Rates of return are estimated using the current cost (market value) of assets and equity, not historic cost.

Table 61--Farm sector balance sheet (excluding operator households), by value of sales class, December 31, 1986

Item	: \$500,000 : and : over	: \$250,000 : to : \$499,999	: \$100,000 : to : \$249,999	: \$40,000 : to : \$99,999	: \$20,000 : to : \$39,999	: \$10,000 : to : \$19,999	: Less : than : \$10,000
Million dollars							
Total:							
Farm assets	79,489	71,977	167,318	128,239	66,191	50,977	125,924
Real estate	53,099	47,969	123,840	94,736	47,245	39,002	101,381
Livestock and poultry 1/	9,454	6,111	10,615	8,518	4,326	3,411	5,317
Machinery and motor vehicles	7,233	9,394	20,264	16,891	8,259	6,422	13,440
Crops stored 2/	2,708	3,374	5,024	3,281	1,366	622	310
Purchased inputs	575	310	500	300	122	53	163
Investments in cooperatives	5,766	3,567	5,802	3,066	3,982	550	1,698
Other financial	655	1,252	1,273	1,446	891	917	3,616
Debt	17,752	15,094	36,902	29,428	13,916	10,800	31,186
Real estate 3/	8,646	7,901	20,306	15,976	8,388	6,883	19,579
Nonreal estate	9,106	7,193	16,596	13,452	5,529	3,917	11,606
Equity	61,737	56,883	130,416	98,811	52,275	40,177	94,739
Percent							
Debt-to-asset ratio	22.3	21.0	22.1	22.9	21.0	21.2	24.8
Dollars							
Per farm:							
Farm assets	2,658,683	1,031,345	770,014	420,791	267,936	181,571	114,447
Real estate	1,776,002	687,338	569,924	310,859	191,242	138,918	92,140
Livestock and poultry 1/	316,196	87,562	48,851	27,949	17,512	12,150	4,832
Machinery and motor vehicles	241,939	134,606	93,256	55,426	33,432	22,874	12,215
Crops stored 2/	90,558	48,348	23,120	10,767	5,528	2,216	282
Purchased inputs	19,238	4,439	2,302	986	495	188	148
Investments in cooperatives	192,844	51,110	26,703	10,061	16,120	1,958	1,543
Other financial	21,907	17,941	5,857	4,744	3,608	3,265	3,286
Debt	593,763	216,279	169,827	96,561	56,332	38,468	28,343
Real estate 3/	289,191	113,217	93,452	52,422	33,952	24,517	17,795
Nonreal estate	304,572	103,063	76,375	44,139	22,380	13,952	10,548
Equity	2,064,920	815,065	600,187	324,230	211,603	143,102	86,104

1/ Excluding horses, mules, and commercial broilers. 2/ Non-CCC crops held on farms plus value above loan rate for crops held under CCC. 3/ Includes CCC storage and drying facilities loans.

Table 62--Farm sector balance sheet (excluding operator households), by value of sales class, December 31, 1987

Item	: \$500,000 : and : over	: \$250,000 : to : \$499,999	: \$100,000 : to : \$249,999	: \$40,000 : to : \$99,999	: \$20,000 : to : \$39,999	: \$10,000 : to : \$19,999	: Less : than : \$10,000
Million dollars							
Total:							
Farm assets	85,763	61,369	140,614	124,825	68,271	61,050	177,244
Real estate	54,082	38,538	95,417	88,882	48,785	48,537	151,148
Livestock and poultry 1/	12,857	6,661	12,426	10,326	5,122	3,996	6,588
Machinery and motor vehicles	8,051	8,360	19,330	16,625	7,869	5,979	13,164
Crops stored 2/	3,603	3,416	5,257	3,370	1,234	767	305
Purchased inputs	1,105	557	793	418	159	91	174
Investments in cooperatives	5,966	3,691	6,004	3,173	4,121	569	1,757
Other financial	98	145	1,387	2,031	981	1,111	4,108
Debt	14,568	11,457	27,224	25,115	13,446	12,248	38,773
Real estate 3/	7,726	5,638	13,902	13,263	7,639	7,411	24,359
Nonreal estate	6,842	5,819	13,322	11,852	5,806	4,837	14,414
Equity	71,195	49,911	113,390	99,709	54,825	48,802	138,471
Percent							
Debt-to-asset ratio	17.0	18.7	19.4	20.1	19.7	20.1	21.9
Dollars							
Per farm:							
Farm assets	2,526,684	946,829	654,943	409,485	285,410	229,837	162,632
Real estate	1,593,320	594,583	444,428	291,577	203,947	182,729	138,688
Livestock and poultry 1/	378,796	102,771	57,877	33,874	21,414	15,042	6,045
Machinery and motor vehicles	237,202	128,989	90,033	54,539	32,897	22,508	12,079
Crops stored 2/	106,142	52,711	24,485	11,055	5,160	2,889	280
Purchased inputs	32,568	8,593	3,696	1,370	663	344	160
Investments in cooperatives	175,773	56,947	27,966	10,408	17,227	2,141	1,612
Other financial	2,884	2,234	6,458	6,661	4,103	4,184	3,769
Debt	429,189	176,769	126,804	82,391	56,211	46,111	35,576
Real estate 3/	227,604	86,987	64,752	43,510	31,937	27,900	22,351
Nonreal estate	201,584	89,782	62,052	38,881	24,274	18,210	13,226
Equity	2,097,495	770,060	528,139	327,095	229,199	183,727	127,056

1/ Excluding horses, mules, and commercial broilers. 2/ Non-CCC crops held on farms plus value above loan rate for crops held under CCC. 3/ Includes CCC storage and drying facilities loans.

Table 63--Farm sector balance sheet (excluding operator households), by value of sales class, December 31, 1988

Item	: \$500,000 : and : over	: \$250,000 : to : \$499,999	: \$100,000 : to : \$249,999	: \$40,000 : to : \$99,999	: \$20,000 : to : \$39,999	: \$10,000 : to : \$19,999	: Less : than : \$10,000
Million dollars							
Total:							
Farm assets	85,777	66,997	141,298	129,777	85,429	71,125	183,058
Real estate	49,621	43,301	93,934	92,513	61,658	57,315	157,074
Livestock and poultry 1/	14,738	7,579	14,019	11,322	6,060	4,572	7,248
Machinery and motor vehicles	8,345	8,706	19,828	16,423	8,337	6,098	12,832
Crops stored 2/	6,443	3,362	6,295	3,955	1,638	932	423
Purchased inputs	1,014	578	867	535	174	111	168
Investments in cooperatives	5,494	3,286	4,967	3,186	6,121	627	1,405
Other financial	122	185	1,387	1,844	1,442	1,471	3,908
Debt	15,755	13,061	25,148	23,540	14,686	12,458	33,844
Real estate 3/	6,402	5,674	12,341	12,410	8,499	7,778	22,738
Nonreal estate	9,353	7,387	12,807	11,131	6,187	4,679	11,106
Equity	70,022	53,936	116,150	106,237	70,744	58,668	149,214
Percent							
Debt-to-asset ratio	18.4	19.5	17.8	18.1	17.2	17.5	18.5
Dollars							
Per farm:							
Farm assets	2,443,648	994,834	642,986	431,934	337,834	263,121	174,126
Real estate	1,413,629	642,979	427,451	307,906	243,830	212,030	149,410
Livestock and poultry 1/	419,865	112,542	63,796	37,682	23,965	16,913	6,894
Machinery and motor vehicles	237,723	129,272	90,230	54,659	32,969	22,558	12,206
Crops stored 2/	183,548	49,925	28,648	13,163	6,476	3,449	402
Purchased inputs	28,898	8,579	3,946	1,782	686	409	159
Investments in cooperatives	156,502	48,795	22,601	10,603	24,204	2,320	1,336
Other financial	3,483	2,743	6,313	6,139	5,704	5,442	3,718
Debt	448,826	193,938	114,438	78,349	58,075	46,086	32,192
Real estate 3/	182,369	84,251	56,158	41,302	33,609	28,776	21,628
Nonreal estate	266,457	109,687	58,281	37,047	24,466	17,310	10,564
Equity	1,994,822	800,897	528,547	353,585	279,758	217,035	141,934

1/ Excluding horses, mules, and commercial broilers. 2/ Non-CCC crops held on farms plus value above loan rate for crops held under CCC. 3/ Includes CCC storage and drying facilities loans.

Table 64--Farm sector balance sheet (excluding operator households), by value of sales class, December 31, 1989

Item	: \$500,000 : and : over	: \$250,000 : to : \$499,999	: \$100,000 : to : \$249,999	: \$40,000 : to : \$99,999	: \$20,000 : to : \$39,999	: \$10,000 : to : \$19,999	: Less : than : \$10,000
Million dollars							
Total:							
Farm assets	98,021	69,469	152,834	135,961	83,527	62,838	191,278
Real estate	58,973	41,464	103,622	97,470	62,105	49,949	164,061
Livestock and poultry 1/	16,737	8,615	13,962	11,850	6,680	4,478	7,332
Machinery and motor vehicles	9,423	9,785	19,555	17,063	9,139	5,948	12,882
Crops stored 2/	5,324	4,647	6,541	3,926	1,727	888	427
Purchased inputs	812	543	713	389	138	70	126
Investments in cooperatives	6,613	4,208	7,240	3,241	2,143	523	2,169
Other financial	139	208	1,201	2,021	1,595	982	4,282
Debt	15,322	12,290	26,401	24,159	14,787	10,311	33,274
Real estate 3/	7,102	5,111	12,717	12,227	8,029	6,439	22,157
Nonreal estate	8,219	7,179	13,684	11,932	6,758	3,872	11,117
Equity	82,699	57,180	126,434	111,801	68,741	52,527	158,004
Percent							
Debt-to-asset ratio	15.6	17.7	17.3	17.8	17.7	16.4	17.4
Dollars							
Per farm:							
Farm assets	2,545,012	944,594	725,782	448,229	310,113	245,282	187,708
Real estate	1,531,177	563,800	492,083	321,337	230,577	194,971	160,999
Livestock and poultry 1/	434,555	117,135	66,302	39,065	24,801	17,481	7,195
Machinery and motor vehicles	244,658	133,044	92,863	56,254	33,931	23,216	12,641
Crops stored 2/	138,225	63,182	31,060	12,944	6,411	3,468	419
Purchased inputs	21,084	7,382	3,387	1,283	514	275	124
Investments in cooperatives	171,699	57,221	34,383	10,685	7,958	2,041	2,129
Other financial	3,614	2,830	5,704	6,662	5,922	3,832	4,202
Debt	397,815	167,105	125,371	79,647	54,899	40,249	32,653
Real estate 3/	184,408	69,493	60,388	40,311	29,810	25,135	21,744
Nonreal estate	213,407	97,612	64,983	39,336	25,089	15,114	10,910
Equity	2,147,197	777,488	600,411	368,582	255,215	205,033	155,055

1/ Excluding horses, mules, and commercial broilers. 2/ Non-CCC crops held on farms plus value above loan rate for crops held under CCC. 3/ Includes CCC storage and drying facilities loans.

Table 65--Farm sector balance sheet (including operator households), by value of sales class, December 31, 1986

Item	: \$500,000 : and : over	: \$250,000 : to : \$499,999	: \$100,000 : to : \$249,999	: \$40,000 : to : \$99,999	: \$20,000 : to : \$39,999	: \$10,000 : to : \$19,999	: Less : than : \$10,000
Million dollars							
Total:							
Farm assets	85,445	80,155	182,913	148,676	83,960	65,310	194,574
Real estate	56,356	52,114	133,316	107,865	59,386	48,479	148,466
Livestock and poultry 1/	9,454	6,111	10,615	8,518	4,326	3,411	5,317
Machinery and motor vehicles	7,602	9,873	21,298	17,753	8,680	6,750	14,126
Crops stored 2/	2,708	3,374	5,024	3,281	1,366	622	310
Purchased inputs	575	310	500	300	122	53	163
Household goods	947	1,206	2,755	3,817	3,530	2,755	13,691
Investments in cooperatives	5,766	3,567	5,802	3,066	3,982	550	1,698
Other financial	2,037	3,600	3,602	4,075	2,566	2,690	10,804
Debt	18,328	15,746	38,429	31,147	15,269	11,845	35,873
Real estate 3/	8,917	8,246	21,094	17,067	9,396	7,670	23,491
Nonreal estate	9,411	7,500	17,336	14,081	5,873	4,175	12,383
Equity	67,117	64,409	144,484	117,529	68,690	53,465	158,701
Percent							
Debt-to-asset ratio	21.4	19.6	21.0	20.9	18.2	18.1	18.4
Dollars							
Per farm:							
Farm assets	2,857,884	1,148,529	841,784	487,852	339,859	232,622	176,840
Real estate	1,884,954	746,744	613,535	353,937	240,389	172,671	134,934
Livestock and poultry 1/	316,196	87,562	48,851	27,949	17,512	12,150	4,832
Machinery and motor vehicles	254,281	141,473	98,014	58,253	35,137	24,041	12,838
Crops stored 2/	90,558	48,348	23,120	10,767	5,528	2,216	282
Purchased inputs	19,238	4,439	2,302	986	495	188	148
Household goods	31,681	17,274	12,681	12,526	14,291	9,814	12,443
Investments in cooperatives	192,844	51,110	26,703	10,061	16,120	1,958	1,543
Other financial	68,132	51,579	16,579	13,373	10,388	9,583	9,819
Debt	613,006	225,623	176,855	102,204	61,808	42,190	32,604
Real estate 3/	298,241	118,151	97,075	56,001	38,035	27,320	21,350
Nonreal estate	314,764	107,472	79,781	46,204	23,773	14,870	11,254
Equity	2,244,878	922,906	664,929	385,648	278,051	190,432	144,236

1/ Excluding horses, mules, and commercial broilers. 2/ Non-CCC crops held on farms plus value above loan rate for crops held under CCC. 3/ Includes CCC storage and drying facilities loans.

Table 66--Farm sector balance sheet (including operator households), by value of sales class, December 31, 1987

Item	: \$500,000 : and : over	: \$250,000 : to : \$499,999	: \$100,000 : to : \$249,999	: \$40,000 : to : \$99,999	: \$20,000 : to : \$39,999	: \$10,000 : to : \$19,999	: Less : than : \$10,000
Million dollars							
Total:							
Farm assets	91,148	68,145	158,424	149,086	88,267	77,400	254,335
Real estate	57,650	43,079	105,798	103,264	62,085	58,917	202,727
Livestock and poultry 1/	12,857	6,661	12,426	10,326	5,122	3,996	6,588
Machinery and motor vehicles	8,569	8,897	20,571	17,693	8,374	6,363	14,010
Crops stored 2/	3,603	3,416	5,257	3,370	1,234	767	305
Purchased inputs	1,105	557	793	418	159	91	174
Household goods	1,086	1,382	3,158	4,375	4,046	3,158	15,690
Investments in cooperatives	5,966	3,691	6,004	3,173	4,121	569	1,757
Other financial	312	461	4,416	6,468	3,126	3,540	13,084
Debt	15,110	12,103	28,640	26,771	14,734	13,240	43,117
Real estate 3/	7,982	5,965	14,649	14,298	8,596	8,158	28,070
Nonreal estate	7,128	6,138	13,991	12,474	6,138	5,082	15,047
Equity	76,038	56,043	129,784	122,314	73,533	64,161	211,218
Percent							
Debt-to-asset ratio	16.6	17.8	18.1	18.0	16.7	17.1	17.0
Dollars							
Per farm:							
Farm assets	2,685,329	1,051,379	737,897	489,074	369,003	291,393	233,368
Real estate	1,698,447	664,652	492,778	338,755	259,548	221,809	186,014
Livestock and poultry 1/	378,796	102,771	57,877	33,874	21,414	15,042	6,045
Machinery and motor vehicles	252,439	137,275	95,816	58,042	35,010	23,954	12,855
Crops stored 2/	106,142	52,711	24,485	11,055	5,160	2,889	280
Purchased inputs	32,568	8,593	3,696	1,370	663	344	160
Household goods	31,980	21,315	14,708	14,352	16,914	11,888	14,397
Investments in cooperatives	175,773	56,947	27,966	10,408	17,227	2,141	1,612
Other financial	9,185	7,115	20,570	21,217	13,067	13,325	12,006
Debt	445,159	186,725	133,399	87,823	61,596	49,844	39,563
Real estate 3/	235,168	92,028	68,230	46,904	35,937	30,712	25,756
Nonreal estate	209,991	94,697	65,168	40,919	25,659	19,132	13,807
Equity	2,240,170	864,655	604,498	401,251	307,407	241,550	193,805

1/ Excluding horses, mules, and commercial broilers. 2/ Non-CCC crops held on farms plus value above loan rate for crops held under CCC. 3/ Includes CCC storage and drying facilities loans.

Table 67--Farm sector balance sheet (including operator households), by value of sales class, December 31, 1988

Item	: \$500,000 : and : over	: \$250,000 : to : \$499,999	: \$100,000 : to : \$249,999	: \$40,000 : to : \$99,999	: \$20,000 : to : \$39,999	: \$10,000 : to : \$19,999	: Less : than : \$10,000
Million dollars							
Total:							
Farm assets	91,436	74,142	159,727	154,438	107,227	88,864	262,680
Real estate	53,264	47,937	104,530	107,193	75,235	67,911	209,726
Livestock and poultry 1/	14,738	7,579	14,019	11,322	6,060	4,572	7,248
Machinery and motor vehicles	8,875	9,259	21,088	17,466	8,867	6,485	13,647
Crops stored 2/	6,443	3,362	6,295	3,955	1,638	932	423
Purchased inputs	1,014	578	867	535	174	111	168
Household goods	1,220	1,553	3,550	4,919	4,549	3,550	17,640
Investments in cooperatives	5,494	3,286	4,967	3,186	6,121	627	1,405
Other financial	389	587	4,409	5,863	4,584	4,676	12,423
Debt	16,343	13,646	26,469	25,030	15,867	13,380	37,805
Real estate 3/	6,636	5,973	13,024	13,355	9,374	8,461	26,130
Nonreal estate	9,707	7,674	13,446	11,675	6,493	4,919	11,675
Equity	75,093	60,496	133,258	129,408	91,360	75,484	224,875
Percent							
Debt-to-asset ratio	17.9	18.4	16.6	16.2	14.8	15.1	14.4
Dollars							
Per farm:							
Farm assets	2,604,879	1,100,928	726,848	514,012	424,032	328,745	249,863
Real estate	1,517,401	711,819	475,672	356,768	297,520	251,231	199,493
Livestock and poultry 1/	419,865	112,542	63,796	37,682	23,965	16,913	6,894
Machinery and motor vehicles	252,827	137,486	95,964	58,132	35,064	23,991	12,981
Crops stored 2/	183,548	49,925	28,648	13,163	6,476	3,449	402
Purchased inputs	28,898	8,579	3,946	1,782	686	409	159
Household goods	34,767	23,064	16,156	16,370	17,988	13,134	16,780
Investments in cooperatives	156,502	48,795	22,601	10,603	24,204	2,320	1,336
Other financial	11,071	8,718	20,066	19,512	18,128	17,298	11,817
Debt	465,594	202,634	120,450	83,307	62,746	49,499	35,960
Real estate 3/	189,055	88,686	59,264	44,450	37,068	31,301	24,855
Nonreal estate	276,539	113,948	61,185	38,857	25,678	18,198	11,105
Equity	2,139,285	898,293	606,398	430,705	361,286	279,246	213,903

1/ Excluding horses, mules, and commercial broilers. 2/ Non-CCC crops held on farms plus value above loan rate for crops held under CCC. 3/ Includes CCC storage and drying facilities loans.

Table 68--Farm sector balance sheet (including operator households), by value of sales class, December 31, 1989

Item	: \$500,000 : and : over	: \$250,000 : to : \$499,999	: \$100,000 : to : \$249,999	: \$40,000 : to : \$99,999	: \$20,000 : to : \$39,999	: \$10,000 : to : \$19,999	: Less : than : \$10,000
Million dollars							
Total:							
Farm assets	103,819	76,798	170,977	161,327	106,060	79,804	273,447
Real estate	62,619	46,104	114,228	112,164	75,693	60,555	216,758
Livestock and poultry 1/	16,737	8,615	13,962	11,850	6,680	4,478	7,332
Machinery and motor vehicles	9,915	10,296	20,577	17,955	9,617	6,258	13,555
Crops stored 2/	5,324	4,647	6,541	3,926	1,727	888	427
Purchased inputs	812	543	713	389	138	70	126
Household goods	1,365	1,737	3,970	5,500	5,086	3,970	19,724
Investments in cooperatives	6,613	4,208	7,240	3,241	2,143	523	2,169
Other financial	434	649	3,747	6,303	4,975	3,062	13,356
Debt	15,837	12,858	27,636	25,561	15,925	11,142	37,007
Real estate 3/	7,323	5,392	13,359	13,118	8,852	7,082	25,350
Nonreal estate	8,514	7,466	14,277	12,443	7,073	4,060	11,657
Equity	87,982	63,941	143,341	135,767	90,134	68,662	236,439
Percent							
Debt-to-asset ratio	15.3	16.7	16.2	15.8	15.0	14.0	13.5
Dollars							
Per farm:							
Farm assets	2,695,541	1,044,249	811,937	531,857	393,769	311,508	268,342
Real estate	1,625,834	626,891	542,448	369,777	281,027	236,369	212,712
Livestock and poultry 1/	434,555	117,135	66,302	39,065	24,801	17,481	7,195
Machinery and motor vehicles	257,442	139,996	97,715	59,193	35,704	24,429	13,302
Crops stored 2/	138,225	63,182	31,060	12,944	6,411	3,468	419
Purchased inputs	21,084	7,382	3,387	1,283	514	275	124
Household goods	35,429	23,614	18,851	18,131	18,883	15,495	19,356
Investments in cooperatives	171,699	57,221	34,383	10,685	7,958	2,041	2,129
Other financial	11,272	8,828	17,791	20,779	18,471	11,952	13,107
Debt	411,190	174,830	131,237	84,267	59,126	43,493	36,316
Real estate 3/	190,143	73,316	63,440	43,246	32,866	27,644	24,877
Nonreal estate	221,047	101,515	67,797	41,022	26,259	15,849	11,439
Equity	2,284,351	869,419	680,700	447,590	334,643	268,016	232,026

1/ Excluding horses, mules, and commercial broilers. 2/ Non-CCC crops held on farms plus value above loan rate for crops held under CCC. 3/ Includes CCC storage and drying facilities loans.

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